

FIGURE 1A

MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION
IM-1	2011	A	IM-37	3893	A	IM-72	54026	A	IM-109	2862	B	IM-110	2867	B
IM-2	2030	A	IM-38	3960	A	IM-73	60170	A	IM-111	2977	B	IM-112	2994	B
IM-3	2069	A	IM-39	3972	A	IM-75	74372	A	IM-113	3031	B	IM-114	3048	B
IM-4	2128	A	IM-40	3984	A	IM-76	75545	A	IM-115	3148	B	IM-116	3166	B
IM-5	2146	A	IM-41	4066	A	IM-77	77543	A	IM-117	3283	B	IM-118	3308	B
IM-6	2186	A	IM-42	4178	A	IM-78	79507	A	IM-119	3332	B	IM-120	3432	B
IM-7	2232	A	IM-43	4287	A	IM-79	89854	A	IM-121	3450	B	IM-122	3561	B
IM-8	2277	A	IM-44	4297	A	IM-80	101831	A	IM-123	3615	B	IM-124	3714	B
IM-9	2295	A	IM-45	4309	A	IM-81	104301	A	IM-125	3730	B	IM-126	3834	B
IM-10	2318	A	IM-46	4484	A	IM-82	125160	A	IM-127	3899	B	IM-128	3969	B
IM-11	2411	A	IM-47	4649	A	IM-83	132976	A	IM-129	3986	B	IM-130	3997	B
IM-12	2434	A	IM-48	4798	A	IM-84	149099	A	IM-131	4013	B	IM-132	4181	B
IM-13	2467	A	IM-49	5104	A	IM-85	2016	B	IM-133	4297	B	IM-134	4311	B
IM-14	2482	A	IM-50	5918	A	IM-86	2029	B	IM-135	4465	B	IM-136	4484	B
IM-15	2498	A	IM-51	6122	A	IM-87	2144	B	IM-137	4579	B	IM-138	4608	B
IM-16	2565	A	IM-52	6192	A	IM-88	2130	B	IM-139	4669	B	IM-140	4747	B
IM-17	2574	A	IM-53	6452	A	IM-89	2168	B	IM-141	4862	B	IM-142	4891	B
IM-18	2586	A	IM-54	6660	A	IM-90	2184	B	IM-143	5033	B	IM-144	5077	B
IM-19	2605	A	IM-55	7766	A	IM-91	2200	B						
IM-20	2722	A	IM-56	8145	A	IM-92	2284	B						
IM-21	2746	A	IM-57	8954	A	IM-93	2299	B						
IM-22	2788	A	IM-58	9312	A	IM-94	2314	B						
IM-23	2855	A	IM-59	9449	A	IM-95	2414	B						
IM-24	2871	A	IM-60	10272	A	IM-96	2428	B						
IM-25	2984	A	IM-61	11663	A	IM-97	2451	B						
IM-26	3030	A	IM-62	13376	A	IM-98	2466	B						
IM-27	3144	A	IM-63	14698	A	IM-99	2483	B						
IM-28	3243	A	IM-64	15190	A	IM-100	2565	B						
IM-29	3273	A	IM-64	66758	A	IM-101	2583	B						
IM-30	3290	A	IM-65	15951	A	IM-102	2597	B						
IM-31	3369	A	IM-66	15172	A	IM-103	2697	B						
IM-32	3445	A	IM-67	15925	A	IM-104	2715	B						
IM-33	3483	A	IM-68	23436	A	IM-105	2740	B						
IM-34	3676	A	IM-69	39794	A	IM-106	2752	B						
IM-35	3779	A	IM-70	44166	A	IM-107	2767	B						
IM-36	3793	A	IM-71	46890	A	IM-108	2865	B						

FIGURE 1B

MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION
IM-145	5099	B	IM-181	16018	B	IM-217	2130	C	IM-253	3733	C	IM-288	83848	C
IM-146	5143	B	IM-182	17346	B	IM-218	2145	C	IM-254	3833	C	IM-287	78892	C
IM-147	5158	B	IM-183	18311	B	IM-219	2167	C	IM-255	3900	C	IM-286	66294	C
IM-148	5272	B	IM-184	22586	B	IM-220	2182	C	IM-256	4010	C	IM-285	60882	C
IM-149	5306	B	IM-185	23422	B	IM-221	2199	C	IM-257	4145	C	IM-284	55898	C
IM-150	5349	B	IM-186	27969	B	IM-222	2211	C	IM-258	4187	C	IM-283	50625	C
IM-151	5364	B	IM-187	33283	B	IM-223	2230	C	IM-259	4299	C	IM-282	47307	C
IM-152	5421	B	IM-188	39808	B	IM-224	2250	C	IM-260	4466	C	IM-281	44460	C
IM-153	5554	B	IM-189	43110	B	IM-225	2280	C	IM-261	4582	C	IM-280	39770	C
IM-154	5711	B	IM-190	44454	B	IM-226	2297	C	IM-262	4813	C	IM-279	33296	C
IM-155	5876	B	IM-191	47215	B	IM-227	2317	C	IM-263	4876	C	IM-278	28001	C
IM-156	5916	B	IM-192	53784	B	IM-228	2412	C	IM-264	5032	C	IM-277	22321	C
IM-157	5931	B	IM-193	55952	B	IM-229	2428	C	IM-265	5347	C	IM-276	15939	C
IM-158	5988	B	IM-194	60573	B	IM-230	2468	C	IM-266	5365	C	IM-275	15114	C
IM-159	6137	B	IM-195	66346	B	IM-231	2481	C	IM-267	5932	C	IM-274	14041	C
IM-160	6200	B	IM-196	73387	B	IM-232	2498	C	IM-268	7767	C	IM-273	11705	C
IM-161	6443	B	IM-197	79203	B	IM-233	2567	C	IM-269	7973	C	IM-272	9293	C
IM-162	6644	B	IM-198	89302	B	IM-234	2585	C	IM-270	8143	C	IM-271	9187	C
IM-163	6958	B	IM-199	94226	B	IM-235	2599	C	IM-271	9187	C	IM-272	9293	C
IM-164	7481	B	IM-200	99358	B	IM-236	2698	C	IM-272	9293	C	IM-273	11705	C
IM-165	7568	B	IM-201	102096	B	IM-237	2715	C	IM-273	11705	C	IM-274	14041	C
IM-166	7765	B	IM-202	107199	B	IM-238	2745	C	IM-274	14041	C	IM-275	15114	C
IM-167	7955	B	IM-203	116936	B	IM-239	2766	C	IM-275	15114	C	IM-276	15939	C
IM-168	8144	B	IM-204	119487	B	IM-240	2867	C	IM-276	15939	C	IM-277	22321	C
IM-169	8698	B	IM-205	122103	B	IM-241	2885	C	IM-277	22321	C	IM-278	28001	C
IM-170	8821	B	IM-206	125431	B	IM-242	2998	C	IM-278	28001	C	IM-279	33296	C
IM-171	8944	B	IM-207	132052	B	IM-243	3052	C	IM-279	33296	C	IM-280	39770	C
IM-172	9138	B	IM-208	138518	B	IM-244	3096	C	IM-280	39770	C	IM-281	44460	C
IM-173	9298	B	IM-209	145147	B	IM-245	3151	C	IM-281	44460	C	IM-282	47307	C
IM-174	9390	B	IM-210	157502	B	IM-246	3167	C	IM-282	47307	C	IM-283	50625	C
IM-175	9516	B	IM-211	168579	B	IM-247	3286	C	IM-283	50625	C	IM-284	55898	C
IM-176	11711	B	IM-212	173391	B	IM-248	3303	C	IM-284	55898	C	IM-285	60882	C
IM-177	11914	B	IM-213	2011	C	IM-249	3335	C	IM-285	60882	C	IM-286	66294	C
IM-178	14033	B	IM-214	2030	C	IM-250	3448	C	IM-286	66294	C	IM-287	78892	C
IM-179	15110	B	IM-215	2050	C	IM-251	3619	C	IM-287	78892	C	IM-288	83848	C
IM-180	15838	B	IM-216	2096	C	IM-252	3709	C						

MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION	MARKER ID	MW	FRACTION
IM-289	89081	C	IM-325	2565	D	IM-361	13857	D	IM-397	2082	E	IM-401	2187	E
IM-290	94147	C	IM-326	2582	D	IM-362	14056	D	IM-398	2128	E	IM-402	2206	E
IM-291	99324	C	IM-327	2597	D	IM-363	15108	D	IM-399	2148	E	IM-403	2232	E
IM-292	107163	C	IM-328	2716	D	IM-364	15844	D	IM-400	2170	E	IM-404	2250	E
IM-293	110350	C	IM-329	2747	D	IM-365	22243	D	IM-401	2187	E	IM-405	2279	E
IM-294	113339	C	IM-330	2767	D	IM-366	25465	D	IM-402	2206	E	IM-406	2296	E
IM-295	116291	C	IM-331	2866	D	IM-367	28022	D	IM-403	2232	E	IM-407	2314	E
IM-296	122769	C	IM-332	2882	D	IM-368	33272	D	IM-404	2250	E	IM-408	2354	E
IM-297	131908	C	IM-333	2994	D	IM-369	40149	D	IM-405	2279	E	IM-409	2394	E
IM-298	145248	C	IM-334	3032	D	IM-370	43113	D	IM-406	2296	E	IM-410	2413	E
IM-299	159252	C	IM-335	3050	D	IM-371	44219	D	IM-407	2314	E	IM-411	2436	E
IM-300	165164	C	IM-336	3148	D	IM-372	47196	D	IM-408	2354	E	IM-412	2457	E
IM-301	174928	C	IM-337	3164	D	IM-373	51062	D	IM-409	2394	E	IM-413	2466	E
IM-302	196003	C	IM-338	3278	D	IM-374	56082	D	IM-410	2413	E	IM-414	2499	E
IM-303	2007	D	IM-339	3334	D	IM-375	58239	D	IM-411	2436	E	IM-415	2566	E
IM-304	2016	D	IM-340	3385	D	IM-376	60285	D	IM-412	2457	E	IM-416	2583	E
IM-305	2030	D	IM-341	3432	D	IM-377	66148	D	IM-413	2466	E	IM-417	2612	E
IM-306	2052	D	IM-342	3451	D	IM-378	73668	D	IM-414	2499	E	IM-418	2662	E
IM-307	2099	D	IM-343	3617	D	IM-379	77433	D	IM-415	2566	E	IM-419	2723	E
IM-308	2130	D	IM-344	3701	D	IM-380	79986	D	IM-416	2583	E	IM-420	2738	E
IM-309	2144	D	IM-345	3725	D	IM-381	80844	D	IM-417	2612	E	IM-421	2750	E
IM-310	2154	D	IM-346	3833	D	IM-382	88962	D	IM-418	2662	E	IM-422	2849	E
IM-311	2166	D	IM-347	3899	D	IM-383	94399	D	IM-419	2723	E	IM-423	2867	E
IM-312	2184	D	IM-348	4008	D	IM-384	99419	D	IM-420	2738	E	IM-424	3036	E
IM-313	2204	D	IM-349	4157	D	IM-385	108395	D	IM-421	2750	E	IM-425	3147	E
IM-314	2231	D	IM-350	4297	D	IM-386	116433	D	IM-422	2849	E	IM-426	3281	E
IM-315	2252	D	IM-351	4580	D	IM-387	123337	D	IM-423	2867	E	IM-427	3319	E
IM-316	2275	D	IM-352	4805	D	IM-388	131977	D	IM-424	3036	E	IM-428	3445	E
IM-317	2299	D	IM-353	6946	D	IM-389	145658	D	IM-425	3147	E	IM-429	3693	E
IM-318	2316	D	IM-354	7053	D	IM-390	152603	D	IM-426	3281	E	IM-430	3731	E
IM-319	2412	D	IM-355	7767	D	IM-391	159524	D	IM-427	3319	E	IM-431	3818	E
IM-320	2435	D	IM-356	7954	D	IM-392	196072	D	IM-428	3445	E	IM-432	3885	E
IM-321	2466	D	IM-357	8139	D	IM-393	2010	E	IM-429	3693	E			
IM-322	2480	D	IM-358	9292	D	IM-394	2029	E	IM-430	3731	E			
IM-323	2499	D	IM-359	11671	D	IM-395	2050	E	IM-431	3818	E			
IM-324	2518	D	IM-360	13727	D	IM-396	2068	E	IM-432	3885	E			



FIGURE 2

RANK	MW	MARKER ID	RANK	MW	MARKER ID
1	14073	IM-522	39	117132	IM-473
2	11705	IM-273	40	13727	IM-360
3	11717	IM-520	41	4257	IM-435
4	11545	IM-519	42	5349	IM-150
5	11721	IM-454	43	5364	IM-151
6	4473	IM-507	44	2967	IM-110
7	13887	IM-521	45	6122	IM-51
8	5272	IM-148	46	6958	IM-163
9	5365	IM-266	47	4355	IM-437
10	75122	IM-537	48	160768	IM-546
11	100270	IM-471	49	5554	IM-153
12	5862	IM-510	50	7767	IM-268
13	132711	IM-544			
14	132843	IM-474			
15	5876	IM-155			
16	5932	IM-157			
17	11711	IM-176			
18	5911	IM-445			
19	11914	IM-177			
20	4486	IM-440			
21	79463	IM-468			
22	4369	IM-438			
23	100310	IM-542			
24	11671	IM-359			
25	4277	IM-436			
26	2752	IM-106			
27	13910	IM-455			
28	5862	IM-444			
29	5988	IM-158			
30	5347	IM-265			
31	5918	IM-50			
32	6137	IM-159			
33	5916	IM-156			
34	4470	IM-439			
35	5931	IM-157			
36	4631	IM-508			
37	7772	IM-514			
38	176635	IM-478			

Figure 3A

Peak ID	Fraction	Normal vs Cancer	Adeno vs Normal	Squamous vs Normal	Small Cell vs Normal	Non-small Cell vs Normal	Large Cell vs Normal	Adeno vs Squamous	Adeno vs Small Cell	Squamous vs Small Cell
WM-1	A	2010	2011	2010	2009	2011	2009	2009	2010	2010
WM-2	A	2032	2030	2031	2032	2032	2032	2031		
WM-3	A	2051				2052				
WM-4	A	2069	2068	2068	2062	2068	2062	2068	2069	2069
WM-5	A	2086	2087	2088	2079	2088	2079	2088	2086	2086
WM-6	A	2168		2168	2170	2165	2170			2168
WM-7	A	2233				2233				
WM-8	A	2277	2275	2274	2277	2275	2277	2277	2277	2277
WM-9	A	2296	2298	2298	2298	2298	2298	2298	2298	2298
WM-10	A	2390			2397	2403	2397	2601	2489	2500
WM-11	A	2469		2468	2501	2501	2501	2501	2502	2501
WM-12	A	2592	2590	2590	2591	2592	2591	2591	2592	2591
WM-13	A	2723			2722	2722	2722			
WM-14	A	2739	2740	2740	2740	2739	2738	2738	2740	2739
WM-15	A	2761	2762	2762	2763	2762	2762	2762	2762	2762
WM-16	A	2768	2767	2768	2769	2768	2768	2768	2768	2769
WM-17	A	2768	2768	2768	2768	2768	2768	2768	2768	2768
WM-18	A	2805	2804	2804	2803	2804	2803	2805	2804	2805
WM-19	A	2832	2832	2832	2831	2832	2831	2832	2832	2831
WM-20	A	2854	2852	2853	2856	2852	2852	2852	2854	2855
WM-21	A	3082	3082	3078	3091	3084	3091	3084	3084	3158
WM-22	A	3157	3156	3157	3160	3160	3160	3155	3160	3169
WM-23	A	3197	3190	3166	3166	3166	3218	3216	3214	3214
WM-24	A	3215	3217	3218				3238	3238	3239
WM-25	A	3240		3240	3266	3266		3263	3264	3277
WM-26	A	3262	3262	3262				3277	3274	3277
WM-27	A	3277	3274	3273	3286	3286	3286	3289	3281	3290
WM-28	A	3280	3288	3287	3314	3314	3314	3317	3317	3317
WM-29	A	3316	3318	3317	3368	3368	3368	3369	3371	3371
WM-30	A	3388	3385	3389	3389	3389	3389	3440	3440	3440
WM-31	A	3440	3437	3438	3441	3441	3441	3440	3440	3440
WM-32	A	3524	3528	3528	3524	3524	3524	3524	3524	3524
WM-33	A	3663	3663	3662	3683	3683	3683	3682	3683	3683
WM-34	A	3774	3775	3778	3778	3774	3774	3814	3776	3776
WM-35	A	3815	3816	3815	3817	3816	3817	3814	3816	3817
WM-36	A	3892	3892	3890	3891	3891	3891	3892	3892	3892
WM-37	A	3957	3959	3957	3957	3956	3957	3959	3958	3957
WM-38	A	3971	3978	3972	3978	3978	3978	3972	3974	3972
WM-39	A	4087	4089	4084	4087	4086	4087	4088	4089	4089
WM-40	A	4174	4175	4173	4173	4173	4173	4179	4179	4178
WM-41	A	4283	4285	4283	4283	4283	4283	4283	4283	4283
WM-42	A	4303	4303	4301	4305	4301	4305	4303	4303	4304
WM-43	A	4478	4478	4479	4478	4478	4478	4478	4478	4478
WM-44	A	4604	4601	4604	4601	4601	4601	4601	4601	4601
WM-45	A	5020	5020	5020	5023	5020	5023	4653	4651	4654
WM-46	A	5445	5448	5442	5443	5443	5443			
WM-47	A	5911	5903	5911	5911	5911	5911	5913	5911	5913
WM-48	A	6125	6125	6125	6127	6128	6127	6116	6116	6116
WM-49	A	6439	6439	6442	6442	6442	6442	6443	6443	6444
WM-50	A	6637	6639	6639	6639	6639	6639	6640	6637	6639

Figure 3B

WM-51	A	6829	6828	6831	6828	6829	7574	7770	7678
WM-52	A	7561	7561	7556	7548	7549	7769	7770	7770
WM-53	A	7765	7765	7764	7754	7765	8141	8142	8143
WM-54	A	8139	8139	8133	8137	8138	8615	8615	8615
WM-55	A	8611	8608	8604	8605	8610	8847	8847	8848
WM-56	A	8942	8945	8943	8945	8945	9164	9164	9162
WM-57	A	9159	9143	9143	9148	9144	9256	9256	9301
WM-58	A	9302	9303	9303	9301	9302	10076	10076	10289
WM-59	A	10080	10078	10069	10077	10080	10271	10289	10859
WM-60	A	10274	10277	10276	10278	10278	10853	10853	11492
WM-61	A	10657	10659	10652	10651	10644	11489	11490	11691
WM-62	A	11484	11486	11488	11488	11488	11687	11687	12888
WM-63	A	11689	11685	11704	11704	11704	12879	12880	13336
WM-64	A	12877	12879	12882	12881	12878	13330	13341	14702
WM-65	A	13335	13324	13335	14703	14685	14731	15145	15142
WM-66	A	14701	14700	14702	15153	15134	15144	15882	15889
WM-67	A	15147	15143	15139	15891	15888	23472	23472	23458
WM-68	A	15881	15890	15878	28049	28043	28129	33390	33408
WM-69	A	23443	23462	23436	28083	28092	38848	38894	39630
WM-70	A	28102	28100	28104	33373	33393	44558	44468	44552
WM-71	A	28761	28768	28764	38871	38811	48880	48880	50037
WM-72	A	33329	33374	33341	44283	44280	51349	51444	51176
WM-73	A	39633	39882	39871	51284	51253	53988	53988	54027
WM-74	A	44327	44464	44363	53710	53675	58053	58053	60398
WM-75	A	48854	50098	48849	59913	60086	60103	60103	62237
WM-76	A	51314	51317	51278	62239	62228	63049	63049	63102
WM-77	A	53760	53866	53803	62980	62886	66570	66570	66571
WM-78	A	60059	60010	59919	66938	66650	68363	68363	68533
WM-79	A	62267	62108	62071	74515	74487	74611	74611	74675
WM-80	A	62328	62319	62289	78020	78001	78776	78776	78724
WM-81	A	63018	62929	62857	89188	89072	89356	89356	89554
WM-82	A	66663	66655	66639	100884	100835	101166	101166	101185
WM-83	A	68409	68432	68358	112081	112042	113000	113000	124520
WM-84	A	74528	74706	74682	124547	124225	124330	124330	134581
WM-85	A	78052	78081	78068	134111	134028	134748	134748	148177
WM-86	A	88830	88518	88072	147582	147505	148122	147988	171859
WM-87	A	108885	101117	100509	171675	171101	172342	172342	2012
WM-88	A	112840	113102	112574	2012	2013	2010	2011	2068
WM-89	A	124239	124241	124232	2079	2079	2087	2087	2088
WM-90	A	134613	134468	134478	2228	2227	2082	2081	2080
WM-91	A	148018	147924	147603	2278	2278	2229	2228	2228
WM-92	A	171245	171726	171410	2285	2285	2277	2277	2278
WM-93	B	2011	2013	2012	2428	2428	2285	2285	2285
WM-94	B	2067	2078	2080	2500	2500	2428	2428	2425
WM-95	B	2079	2228	2227	2501	2500	2488	2488	2487
WM-96	B	2228	2278	2276	2580	2580	2581	2581	2581
WM-97	B	2276	2278	2278					
WM-98	B	2284	2284	2285					
WM-99	B	2429	2429	2428					
WM-100	B	2500	2500	2500					
WM-101	B	2580	2580	2580					









Figure 3F

WM-255 D	3084	3082	3085	3080	3082	3083	3083	3083	3083
WM-256 D	3158	3157	3159	3155	3157	3154	3154	3154	3154
WM-257 D	3281	3282	3282	3285	3286	3283	3283	3283	3283
WM-258 D	3447	3448	3443	3442	3444	3446	3446	3446	3446
WM-259 D	3558	3558	3558	3558	3557	3559	3559	3559	3559
WM-260 D	3688	3688	3688	3688	3684	3688	3688	3688	3688
WM-261 D	3819	3816	3816	3813	3813	3816	3816	3816	3816
WM-262 D	3945	3943	3943	3943	3943	3941	3942	3942	3941
WM-263 D	3957	3953	3953	3949	3950	3950	3951	3951	3950
WM-264 D	4052	4132	4131	4129	4133	4052	4051	4051	4130
WM-265 D	4212	4207	4202	4207	4209	4129	4129	4129	4208
WM-266 D	4310					4208	4208	4208	
WM-267 D									
WM-268 D	4800	4795	4801	4798	4801	4767	4796	4796	4795
WM-269 D	6436	6437	6435	6432	6436	6437	6437	6437	6437
WM-270 D	6638	6628	6633	6632	6633	6637	6639	6639	6639
WM-271 D	6948	6948	6947	6941	6944	6951	6951	6948	6948
WM-272 D	7575	7574	7571	7762	7771	7574	7572	7572	7573
WM-273 D	7768	7760	7762	7762	7771	7767	7768	7764	7764
WM-274 D	7942	7943	7948			7944	7948	7947	7947
WM-275 D	11503	11498	11498			11498	11500	11497	11497
WM-276 D	11871	11878	11873	11862	11878	11883	11883	11879	11879
WM-277 D	13777	13778	13777	13771	13778	13774	13774	13773	13773
WM-278 D	13888	13888	13885	13871	13878	13888	13889	13882	13882
WM-279 D	15142	15138	15138	15126	15134	15138	15137	15140	15140
WM-280 D	15874	15865	15880	15863	15871	15881	15885	15888	15888
WM-281 D	17322	17345	17350	17341	17349	17323	17317	17348	17348
WM-282 D	22277	22305	22274	22288	22277	22282	22288	22287	22287
WM-283 D	28135	28137	28129	28130	28119	28138	28148	28135	28135
WM-284 D	33353	33384	33320	33347	33338	33355	33355	33387	33387
WM-285 D	37272	37381	37271	37271	37308	37278	37278	37232	37232
WM-286 D	40285	40289	40304	40255	40251	40274	40320	40288	40288
WM-287 D	44513	44135	44133	44502	44519	41146	41182	41180	41180
WM-288 D	51234	51228	51234	51224	51209	51235	51238	44598	44598
WM-289 D	59572	59559	59585	59584	59814	59596	59555	59555	59555
WM-290 D	68435	68487	68470	68470	68460	68489	68448	68483	68483
WM-291 D	73558	73753	73787	73587	73587	73654	73775	73686	73686
WM-292 D	75088	75040	75064	75060	75133	76098	76043	76103	76103
WM-293 D		78088				80448	80423	80423	80423
WM-294 D	80410	80529	80224	80234	80228	81559	81559	81559	81559
WM-295 D		81643	81600			88840	88840	88840	88840
WM-296 D	88834	88890	88849	88857	88875	88967	88967	88967	88967
WM-297 D	94507	94554	94451	94528	94450	94540	94514	94514	94514
WM-298 D	98786	98712	98808	98757	98752	99714	98820	98733	98733
WM-299 D	107205	107240	107177	107007	107003	107208	107159	107159	107159
WM-300 D	110708	110684	110717	110661	110684	110470	110405	110405	110405
WM-301 D	110406	110412	110412	110351	110341	110470	110341	110341	110341
WM-302 D	117342	117259	117354	117334	117459	117260	117416	117271	117271
WM-303 D	132451	132443	132451	132441	132438	132443	132451	132451	132451
WM-304 D	145922	145904	145953	145734	145882	145801	145783	145783	145783

12/46

Figure 3G

WM-308	D	154338	160431	160718	160431	153873	153878	160722	160347	160310
WM-307	D	160515	165737	165704	165921	160442	160441	165983	165180	165863
WM-306	D	165704	175478	175460	175450	165948	165972	175448	175350	175808
WM-305	D	175350	182438	182185	182180	175478	181723	182095	181789	181802
WM-304	D	182438	2010	2028	2028	182273	2010	2010	2014	2011
WM-303	E	2010	2028	2028	2028	2028	2028	2030	2031	2028
WM-302	E	2028	2052	2052	2052	2052	2051	2052	2052	2052
WM-301	E	2052	2067	2064	2068	2067	2067	2068	2068	2067
WM-300	E	2067	2081	2082	2081	2083	2081	2083	2081	2081
WM-300	E	2081	2168	2168	2167	2168	2165	2166	2164	2167
WM-300	E	2168	2188	2188	2188	2188	2185	2186	2185	2181
WM-300	E	2188	2212	2212	2212	2211	2211	2212	2212	2212
WM-300	E	2212	2231	2232	2231	2231	2231	2232	2231	2233
WM-300	E	2231	2278	2278	2278	2278	2278	2276	2278	2278
WM-300	E	2278	2296	2294	2295	2298	2295	2295	2295	2295
WM-300	E	2296	2481	2481	2474	2481	2398	2481	2481	2481
WM-300	E	2481	2488	2488	2500	2488	2489	2489	2500	2500
WM-300	E	2500	2567	2567	2568	2567	2567	2567	2567	2567
WM-300	E	2567	2581	2580	2581	2580	2580	2581	2581	2581
WM-300	E	2581	2737	2736	2738	2738	2736	2736	2736	2736
WM-300	E	2737	2868	2868	2868	2868	2865	2868	2865	2865
WM-300	E	2868	3167	3168	3168	3168	3158	3147	3147	3147
WM-300	E	3167	3321	3315	3319	3316	3318	3315	3318	3318
WM-300	E	3321	3442	3439	3445	3439	3439	3440	3439	3439
WM-300	E	3442	3818	3818	3818	3818	3816	3816	3816	3816
WM-300	E	3818	4054	4054	4056	4055	4056	4055	4054	4053
WM-300	E	4054	4211	4210	4211	4205	4210	4212	4208	4208
WM-300	E	4211	4259	4254	4259	4258	4260	4257	4258	4258
WM-300	E	4259	4358	4353	4358	4358	4358	4357	4358	4353
WM-300	E	4358	4468	4468	4469	4469	4472	4468	4468	4468
WM-300	E	4468	4548	4539	4541	4540	4543	4540	4544	4537
WM-300	E	4548	4828	4817	4828	4824	4831	4828	4832	4825
WM-300	E	4828	4821	4817	4820	4824	4831	4828	4832	4825
WM-300	E	4821	5070	4856	5070	5088	4856	4858	4854	4854
WM-300	E	5070	5857	5857	5857	5846	5852	5852	5888	5888
WM-300	E	5857	6461	6461	6461	6461	6461	6461	6461	6461
WM-300	E	6461	6843	6844	6843	6842	6842	6844	6843	6843
WM-300	E	6843	6878	6888	6881	6880	6877	6883	6878	6878
WM-300	E	6878	6885	6885	6885	6885	6885	6885	6885	6885
WM-300	E	6885	6945	6945	6945	6945	6945	6945	6945	6945
WM-300	E	6945	7184	7184	7184	7184	7184	7184	7184	7184
WM-300	E	7184	7770	7770	7770	7769	7776	7772	7776	7769
WM-300	E	7770	8148	8145	8145	8145	8145	8147	8147	8147
WM-300	E	8148	8701	8701	8701	8702	8704	8700	8700	8701





Figure 3J

WM-459	F	33594	33478	33461	33504	33488	33487	33512	33520
WM-460	F	43440	43423	43430	43434	43393	43547	43888	43415
WM-461	F	44487	44565	44523	44756	44668	44878	44894	44892
WM-462	F	51132	51328	51176	52410	51189	51277	51228	51032
WM-463	F	50469	50487	50481	50644	50495	50486	50910	50917
WM-464	F	59649	59575	59305	59644	59405	59856	59452	59470
WM-465	F	68544	68815	68628	68608	68570	68874	68587	68548
WM-466	F	75467	76421	76416	76551	75313	75455	75484	75438
WM-467	F	78757	78308	78308	78348	78184	78276	78346	78804
WM-468	F	83372			83331		83084	83907	83132
WM-469	F	89476	89779	89519	89751	89568	89740	89776	89888
WM-470	F	84842	84781	84707	84626	84765	84749	84628	84655
WM-471	F	100601	100418	100480	100614	100355	100324	100594	100628
WM-472	F	116747	117035	116878	117130	116983	116782	116803	116883
WM-473	F	132805	132795	133068	132640	132756	132729	132707	132824
WM-474	F	148470	148470	148725	148860	148862	148191	148500	148210
WM-475	F	160334	160334	161482	160763	2131	160004	160342	160570
WM-476	A				2184				
WM-477	A				2414				
WM-478	A								
WM-479	A			2433			2432		2433
WM-480	A								
WM-481	A				2568				
WM-482	A	2567		2565		2567			
WM-483	A								
WM-484	A								
WM-485	A								
WM-486	A								
WM-487	A			2673					2676
WM-488	A								
WM-489	A								
WM-490	A								
WM-491	A	2681		2677	2678	2682			
WM-492	A								
WM-493	A				3033				
WM-494	A								
WM-495	A								
WM-496	A								
WM-497	A								
WM-498	A								
WM-499	A								
WM-500	A								
WM-501	A								
WM-502	A								
WM-503	A								
WM-504	A								
WM-505	A				4314	4214			
WM-506	A					4528			
WM-507	A	4526							
WM-508	A								
WM-509	A								

Figure 3k

WM-510	A					4753	
WM-511	A					4800	
WM-512	A					4878	
WM-513	A					5097	5093
WM-514	A					5175	
WM-515	A					5211	
WM-516	A					5371	
WM-517	A					5572	
WM-518	A					5676	5822
WM-519	A					5995	
WM-520	A					5995	
WM-521	A					6187	
WM-522	A					6490	
WM-523	A					6508	
WM-524	A					6841	6844
WM-525	A					7152	6845
WM-526	A					7192	
WM-527	A					7477	
WM-528	A					7479	
WM-529	A					7650	7640
WM-530	A					7651	
WM-531	A					7829	
WM-532	A					8331	
WM-533	A					8453	
WM-534	A					8100	
WM-535	A					8183	
WM-536	A					8511	
WM-537	A					11398	
WM-538	A					11648	
WM-539	A					11734	
WM-540	A					12716	
WM-541	A					13557	
WM-542	A					13557	
WM-543	A					14073	
WM-544	A					16263	
WM-545	A					16263	
WM-546	A					16750	
WM-547	A					17078	
WM-548	A					17432	
WM-549	A					18617	
WM-550	A					18391	
WM-551	A					32867	
WM-552	A					48716	
WM-553	A					111238	
WM-554	A					11398	
WM-555	A					11708	
WM-556	B					13324	
WM-557	B					135741	
WM-558	B					178527	
WM-559	B					2033	
WM-560	B					2182	
WM-561	B					2182	
WM-562	B					2212	
WM-563	B					2411	
WM-564	B					2449	
WM-565	B						
WM-566	B						
WM-567	B						
WM-568	B						
WM-569	B						
WM-570	B						
WM-571	B						
WM-572	B						
WM-573	B						
WM-574	B						
WM-575	B						
WM-576	B						
WM-577	B						
WM-578	B						
WM-579	B						
WM-580	B						
WM-581	B						
WM-582	B						
WM-583	B						
WM-584	B						
WM-585	B						
WM-586	B						
WM-587	B						
WM-588	B						
WM-589	B						
WM-590	B						
WM-591	B						
WM-592	B						
WM-593	B						
WM-594	B						
WM-595	B						
WM-596	B						
WM-597	B						
WM-598	B						
WM-599	B						
WM-600	B						









Figure 30.



84108  
88780  
182375  
186896

84125  
88712  
182354

181441

84172

84133



WNA-714 F  
WNA-715 F  
WNA-716 F  
WNA-717 F

Figure 4A

Rank	Normal vs Cancer	Adeno vs Normal	Squamous vs Normal	Small Cell vs Normal	Non-small Cell vs Normal	Large Cell vs Normal	Adeno vs Squamous	Adeno vs Small Cell	Squamous vs Small Cell
1	WM-61	WM-447	WM-447	WM-70	WM-341	WM-16	WM-62	WM-457	WM-276
2	WM-447	WM-652	WM-61	WM-706	WM-342	WM-26	WM-415	WM-72	WM-277
3	WM-446	WM-61	WM-277	WM-369	WM-343	WM-489	WM-152	WM-369	WM-362
4	WM-133	WM-446	WM-446	WM-447	WM-48	WM-134	WM-385	WM-78	WM-257
5	WM-119	WM-280	WM-133	WM-61	WM-340	WM-647	WM-347	WM-79	WM-363
6	WM-278	WM-363	WM-134	WM-652	WM-346	WM-277	WM-134	WM-73	WM-347
7	WM-134	WM-133	WM-363	WM-282	WM-47	WM-310	WM-36	WM-64	WM-53
8	WM-363	WM-341	WM-362	WM-446	WM-339	WM-383	WM-108	WM-320	WM-254
9	WM-282	WM-285	WM-276	WM-456	WM-389	WM-446	WM-99	WM-419	WM-17
10	WM-362	WM-366	WM-706	WM-134	WM-669	WM-221	WM-151	WM-85	WM-252
11	WM-120	WM-282	WM-203	WM-203	WM-447	WM-648	WM-289	WM-82	WM-431
12	WM-280	WM-362	WM-466	WM-648	WM-652	WM-657	WM-363	WM-53	WM-513
13	WM-65	WM-310	WM-366	WM-455	WM-154	WM-280	WM-61	WM-412	WM-446
14	WM-277	WM-292	WM-65	WM-65	WM-587	WM-328	WM-117	WM-440	WM-355
15	WM-70	WM-120	WM-70	WM-685	WM-456	WM-447	WM-211	WM-455	WM-447
16	WM-369	WM-134	WM-341	WM-473	WM-450	WM-684	WM-382	WM-313	WM-133
17	WM-17	WM-276	WM-429	WM-343	WM-283	WM-183	WM-133	WM-458	WM-245
18	WM-473	WM-428	WM-347	WM-466	WM-207	WM-180	WM-414	WM-68	WM-52
19	WM-47	WM-277	WM-17	WM-341	WM-436	WM-686	WM-277	WM-70	WM-86
20	WM-203	WM-20	WM-47	WM-340	WM-384	WM-387	WM-141	WM-246	WM-238
21	WM-276	WM-119	WM-431	WM-363	WM-61	WM-466	WM-64	WM-360	WM-243
22	WM-279	WM-340	WM-62	WM-339	WM-167	WM-20	WM-135	WM-180	WM-138
23	WM-62	WM-48	WM-473	WM-457	WM-382	WM-17	WM-447	WM-418	WM-62
24	WM-366	WM-389	WM-384	WM-86	WM-285	WM-545	WM-383	WM-83	WM-580
25	WM-456	WM-450	WM-438	WM-506	WM-650	WM-47	WM-338	WM-257	WM-134
26	WM-428	WM-47	WM-652	WM-72	WM-203	WM-181	WM-63	WM-138	WM-240
27	WM-384	WM-343	WM-282	WM-287	WM-119	WM-147	WM-142	WM-47	WM-256
28	WM-287	WM-17	WM-389	WM-82	WM-282	WM-480	WM-446	WM-252	WM-203
29	WM-420	WM-583	WM-290	WM-528	WM-686	WM-580	WM-186	WM-282	WM-111
30	WM-292	WM-70	WM-276	WM-85	WM-383	WM-218	WM-111	WM-50	WM-95
31	WM-431	WM-706	WM-456	WM-73	WM-429	WM-285	WM-445	WM-58	WM-247
32	WM-455	WM-346	WM-673	WM-138	WM-11	WM-652	WM-455	WM-325	WM-157
33	WM-20	WM-466	WM-340	WM-384	WM-208	WM-651	WM-276	WM-402	WM-242
34	WM-340	WM-646	WM-55	WM-83	WM-451	WM-388	WM-444	WM-411	WM-558
35	WM-19	WM-384	WM-455	WM-460	WM-473	WM-403	WM-181	WM-405	WM-63
36	WM-389	WM-336	WM-645	WM-310	WM-220	WM-418	WM-35	WM-75	WM-239
37	WM-63	WM-294	WM-138	WM-277	WM-685	WM-430	WM-285	WM-417	WM-234
38	WM-438	WM-339	WM-420	WM-79	WM-338	WM-466	WM-456	WM-387	WM-274

Figure 4B

39	WM-450	WM-473	WM-450	WM-207	WM-71	WM-714	WM-39	WM-26	WM-370
40	WM-466	WM-369	WM-369	WM-278	WM-268	WM-646	WM-82	WM-410	WM-301
41	WM-296	WM-38	WM-279	WM-290	WM-70	WM-109	WM-17	WM-420	WM-449
42	WM-343	WM-283	WM-342	WM-366	WM-545	WM-302	WM-203	WM-164	WM-74
43	WM-341	WM-685	WM-471	WM-472	WM-675	WM-587	WM-83	WM-67	WM-261
44	WM-339	WM-66	WM-674	WM-420	WM-446	WM-375	WM-412	WM-68	WM-467
45	WM-55	WM-55	WM-120	WM-147	WM-120	WM-131	WM-96	WM-391	WM-237
46	WM-66	WM-50	WM-20	WM-55	WM-257	WM-708	WM-74	WM-340	WM-262
47	WM-48	WM-307	WM-287	WM-669	WM-468	WM-398	WM-457	WM-428	WM-265
48	WM-38	WM-278	WM-83	WM-357	WM-347	WM-309	WM-431	WM-198	WM-288
49	WM-138	WM-342	WM-154	WM-429	WM-153	WM-55	WM-340	WM-312	WM-384
50	WM-310	WM-429	WM-128	WM-278	WM-38	WM-488	WM-49	WM-152	WM-37

100

RSFFSFLGEAFDCARDMWRAYSMDREANYIGSDKYFHARGNYDAAKRGPGGVWAAEAISDARENIQRFHGHGAEDSLADQAAANEWGCRSGKDPNHFPRPAGLPEKY

10

20

30

40

50

60

70

80

90

2803

SAA 42-67 (2802.1)

3168

SAA 69-97 (3167.3)

3277

SAA 39-68 (3276.6)

3552

SAA 38-70 (3552)

3897

SAA 64-98 (3897.2)

4300

SAA 54-93 (4302.5)

4490

SAA 53-93 (4489)

4655

SAA 5-44 (4655.0)

5927

SAA 32-85 (5925.3)

6874

SAA 26-88 (6873.3)

7776

SAA 1-68 (7774.6)

7941

SAA 18-88 (7939.5)

8152

SAA 25-98 (8150)

8952

SAA 6-85 (8950)

9233

SAA 16-97 (9235)

10300

SAA 6-97 (10299.1)

10866

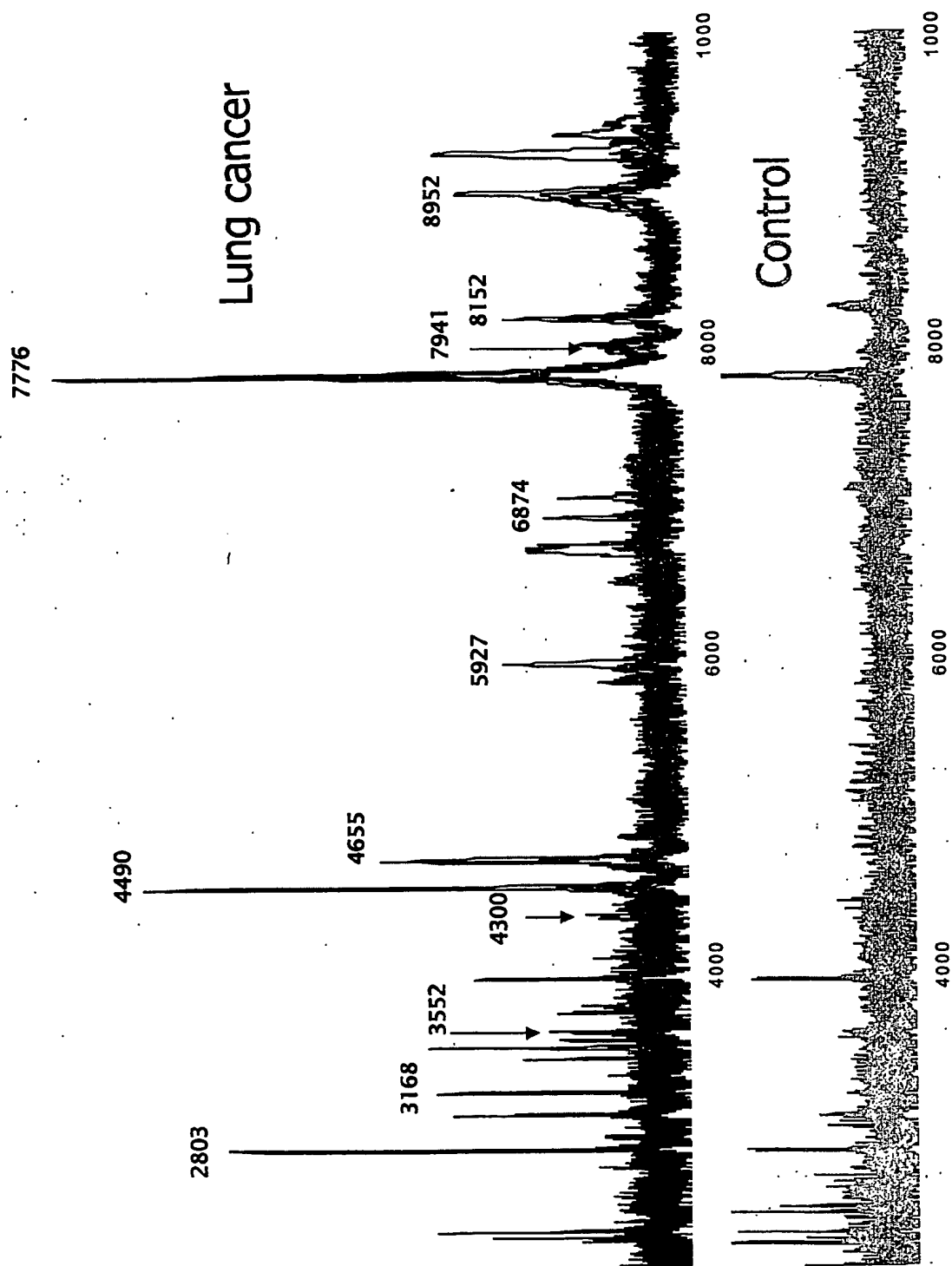
SAA 4-101 (10871.8)

10851

SAA 5-102 (10853.7)

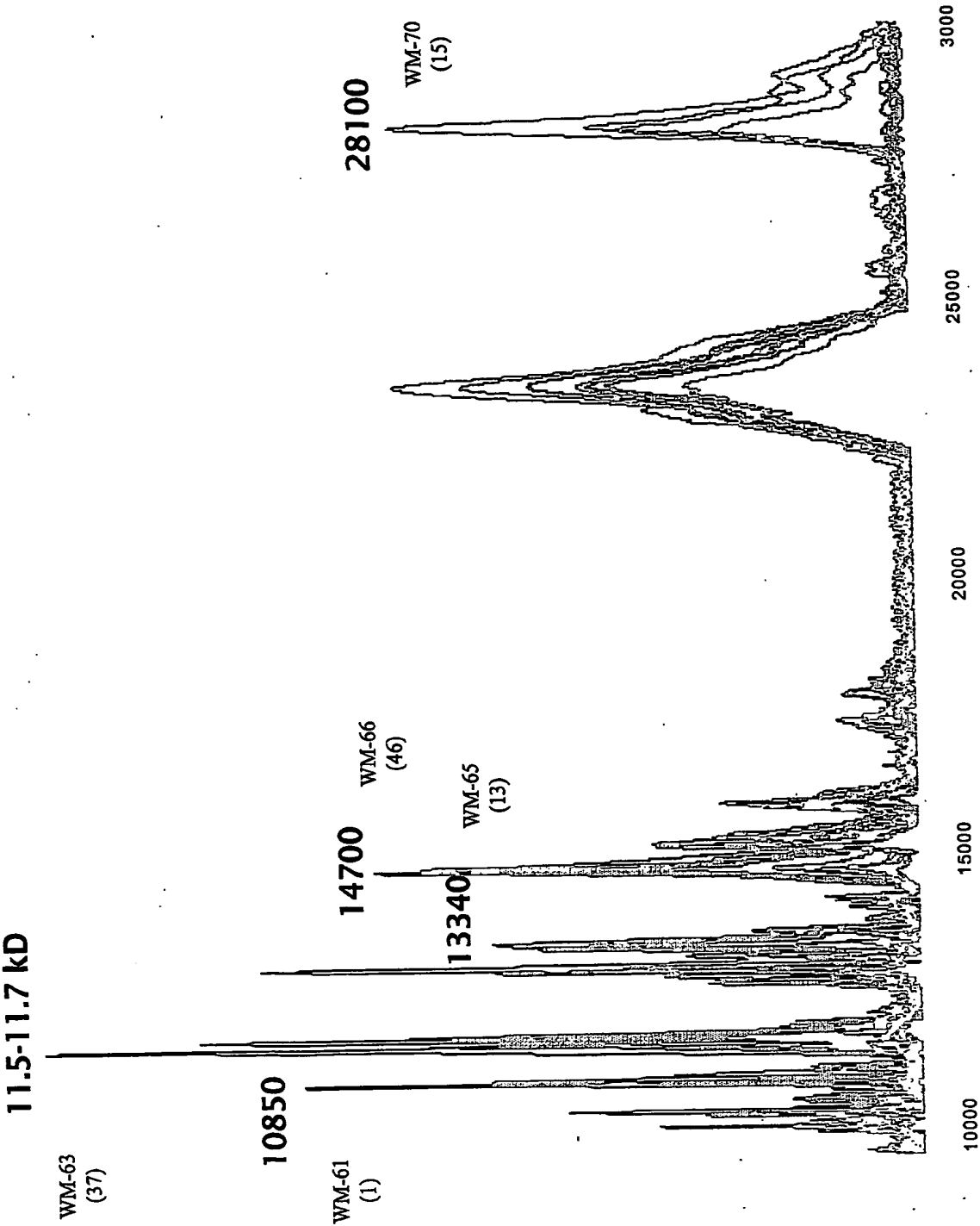
Figure 5

Figure 6

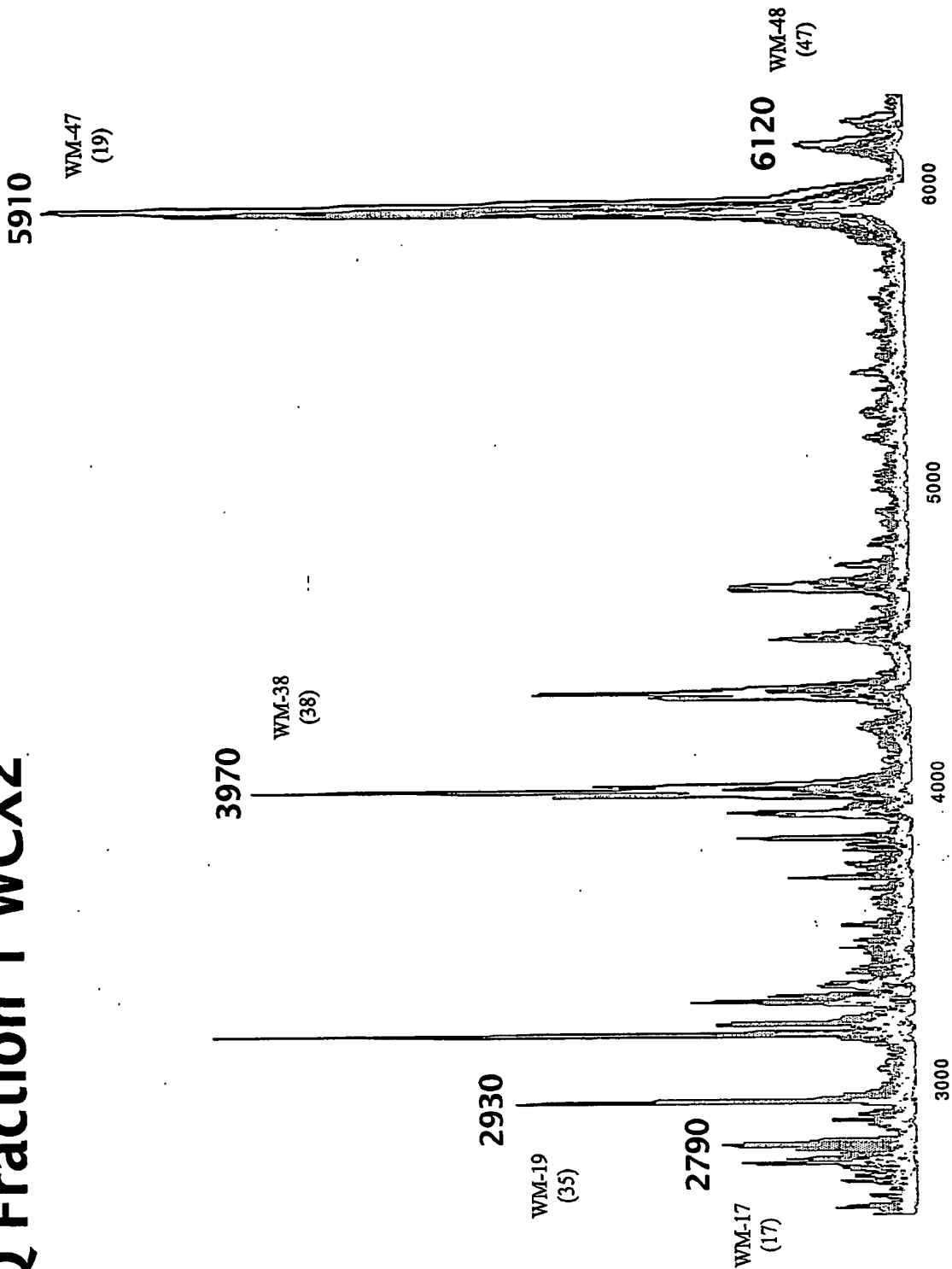




**FIGURE 7**  
**Protein Profile of Selected Samples Q Fraction 1 WCX2**



**Figure 8**  
**Protein Profile of Selected Samples**  
**Q Fraction 1 WCX2**



**Figure 9**  
**Protein Profile of Selected Samples**  
**Q Fraction 2 WCX2**

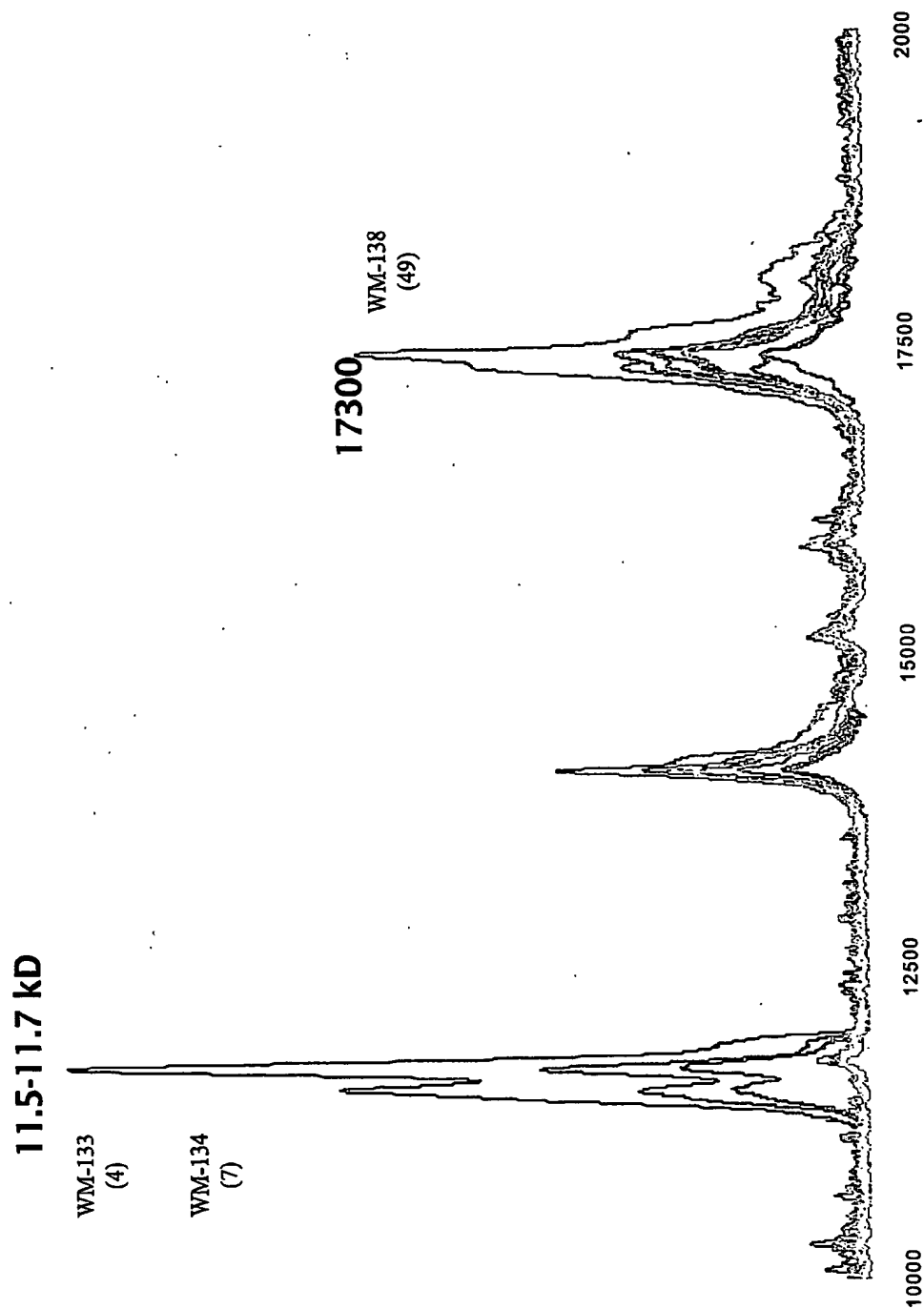
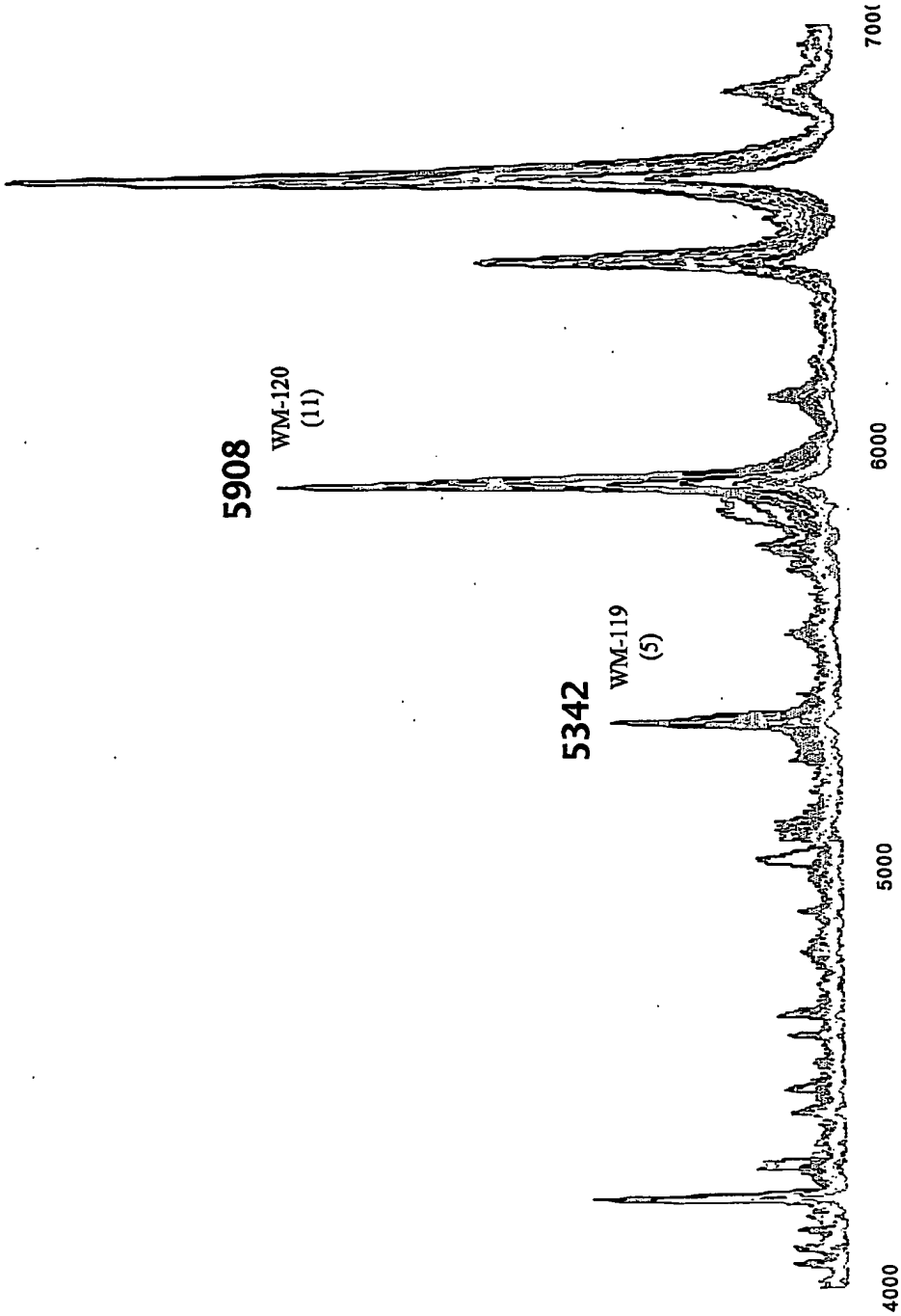
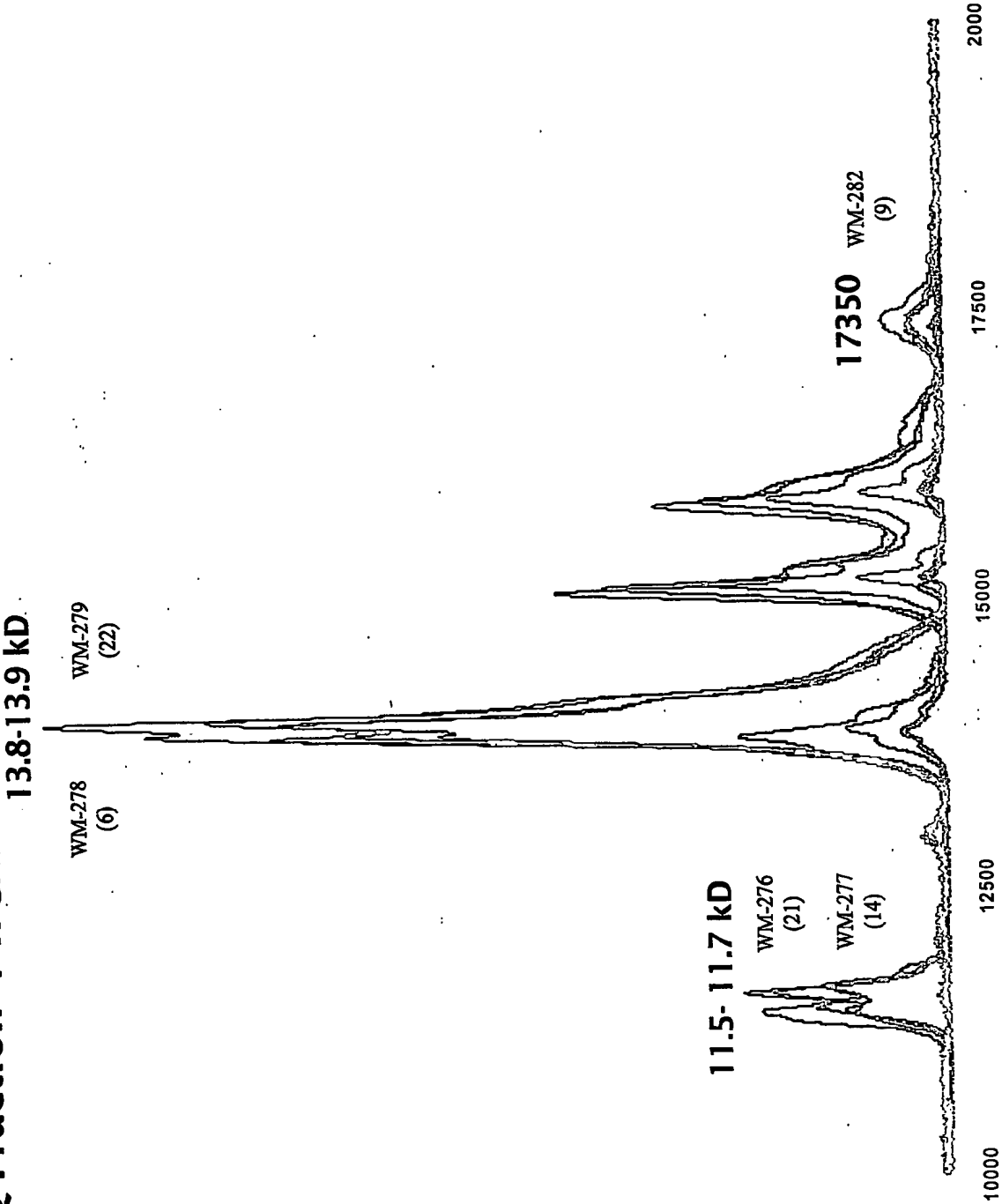


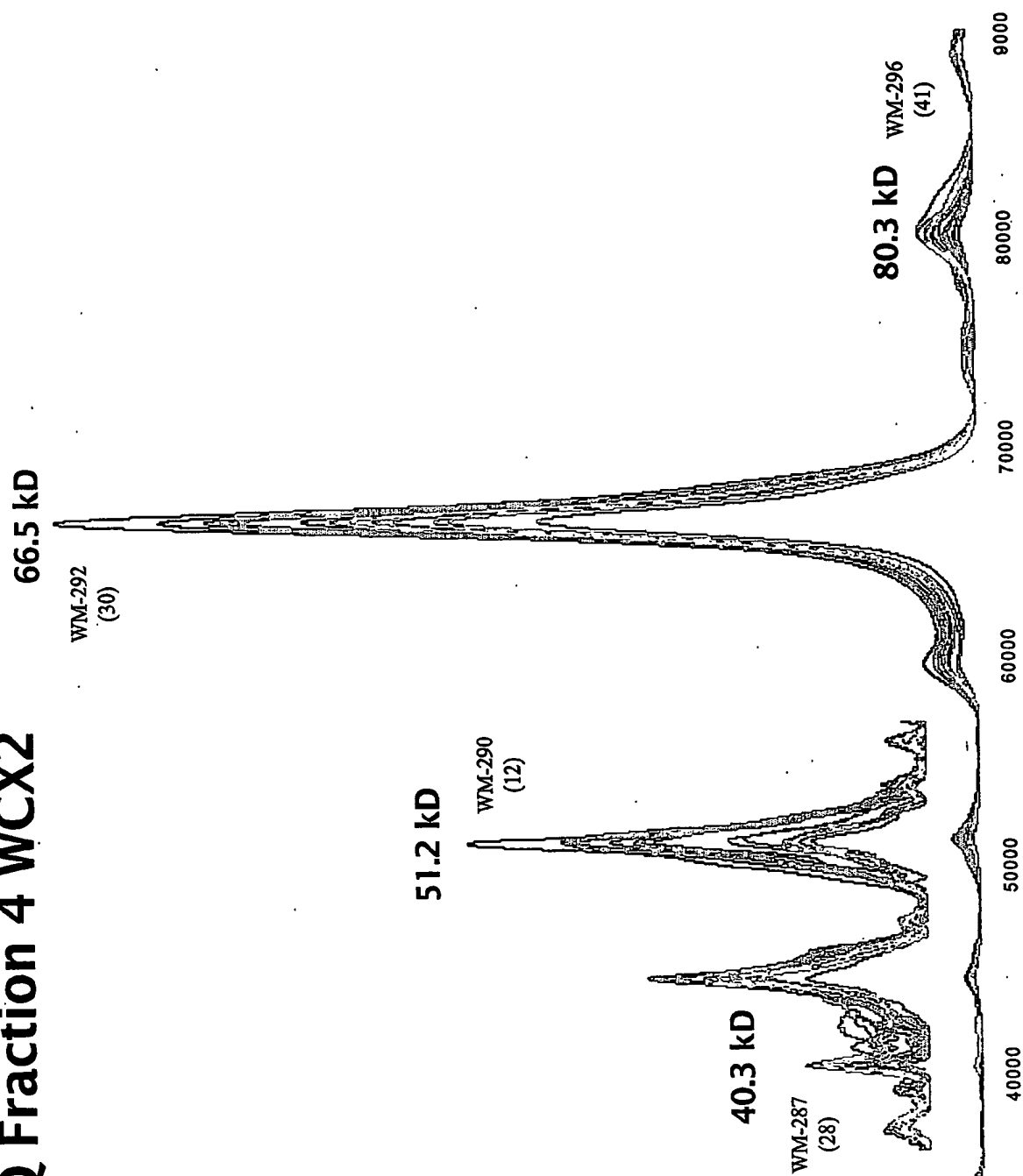
Figure 10  
Protein Profile of Selected Samples  
Q Fraction 2 WCX2



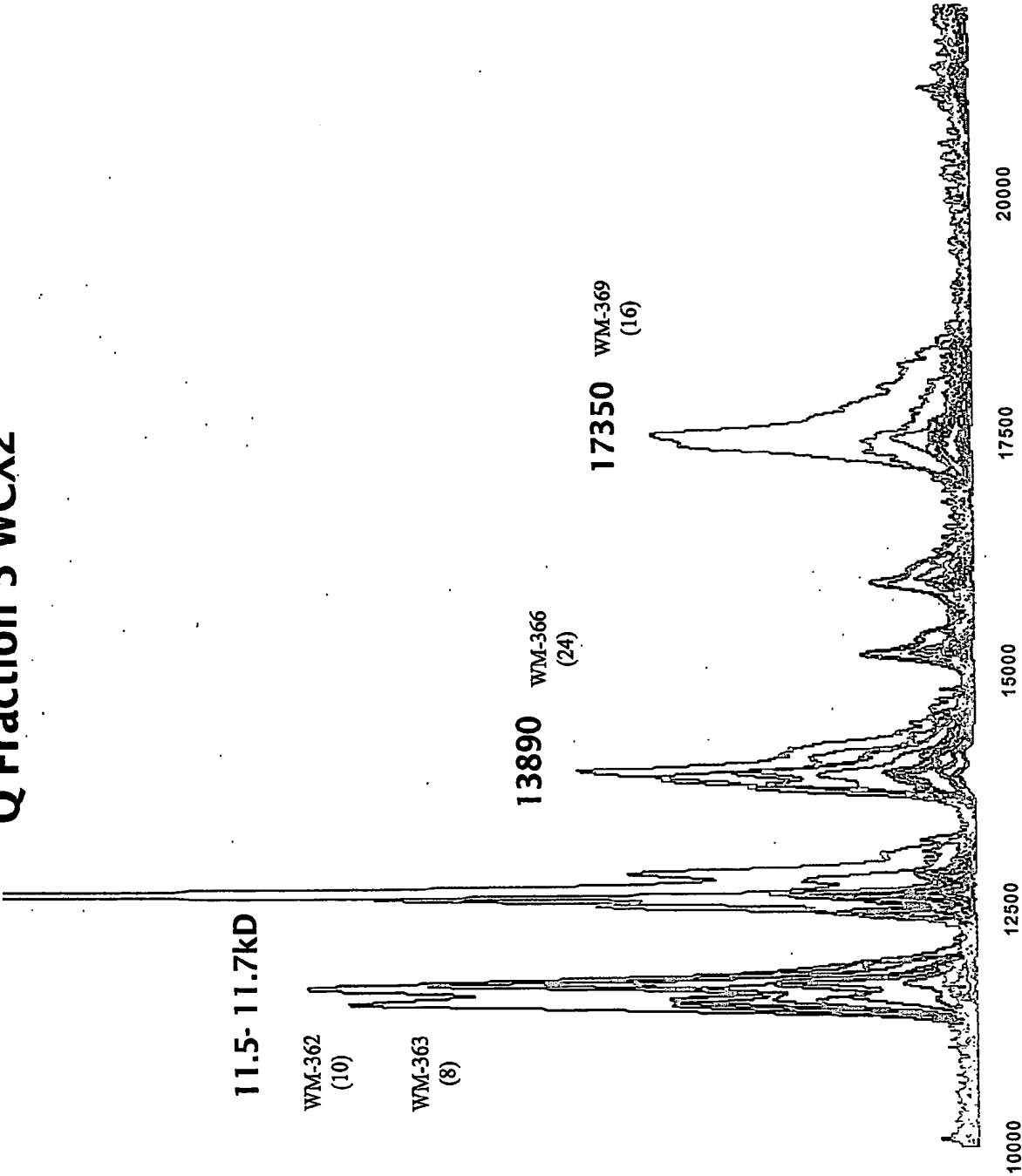
**Figure 11**  
**Protein Profile of Selected Samples**  
**Q Fraction 4 WCX2**



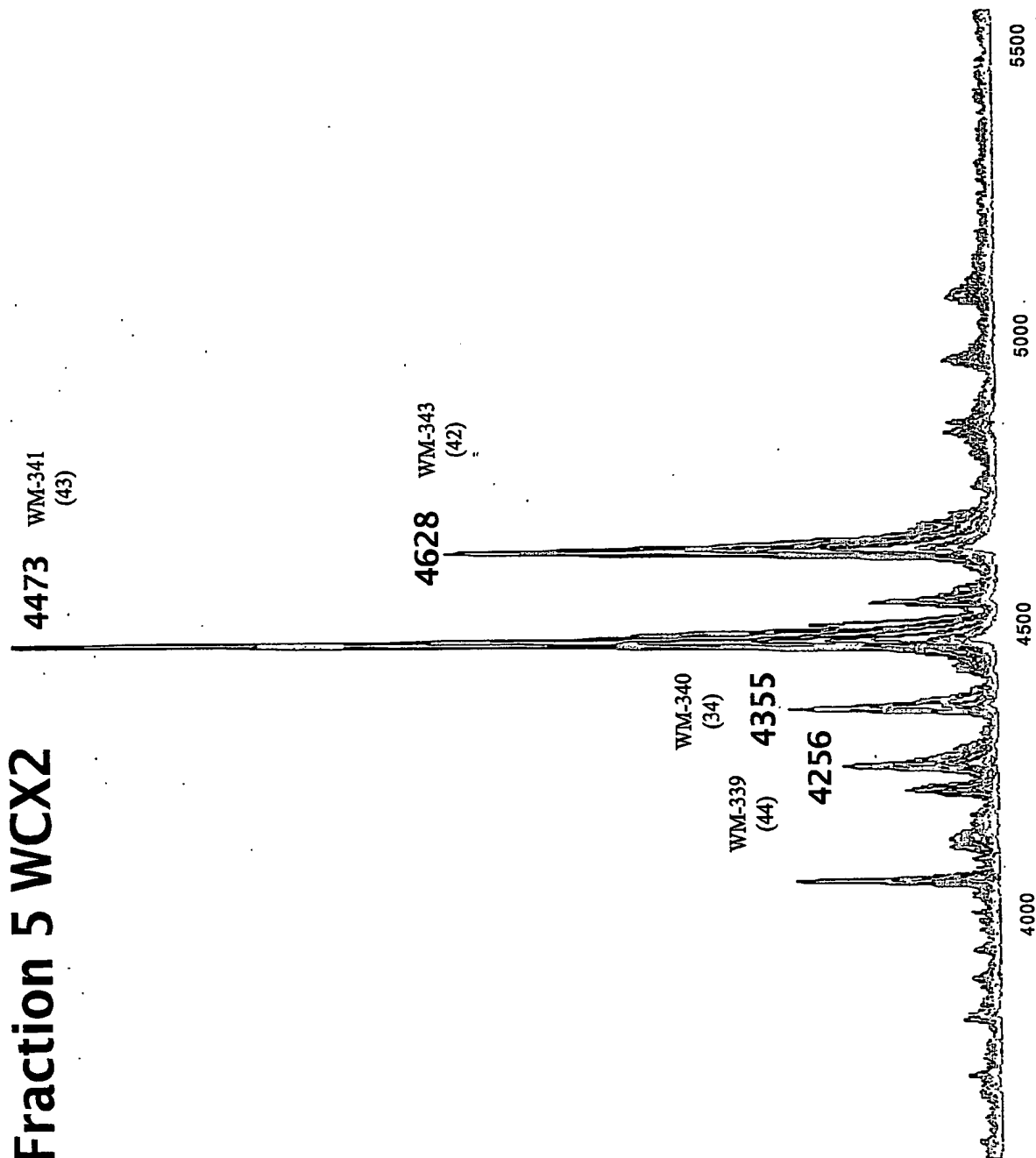
**Figure 12**  
**Protein Profile of Selected Samples**  
**Q Fraction 4 WCX2**



**Figure 13**  
**Protein Profile of Selected Samples**  
**Q Fraction 5 WCX2**

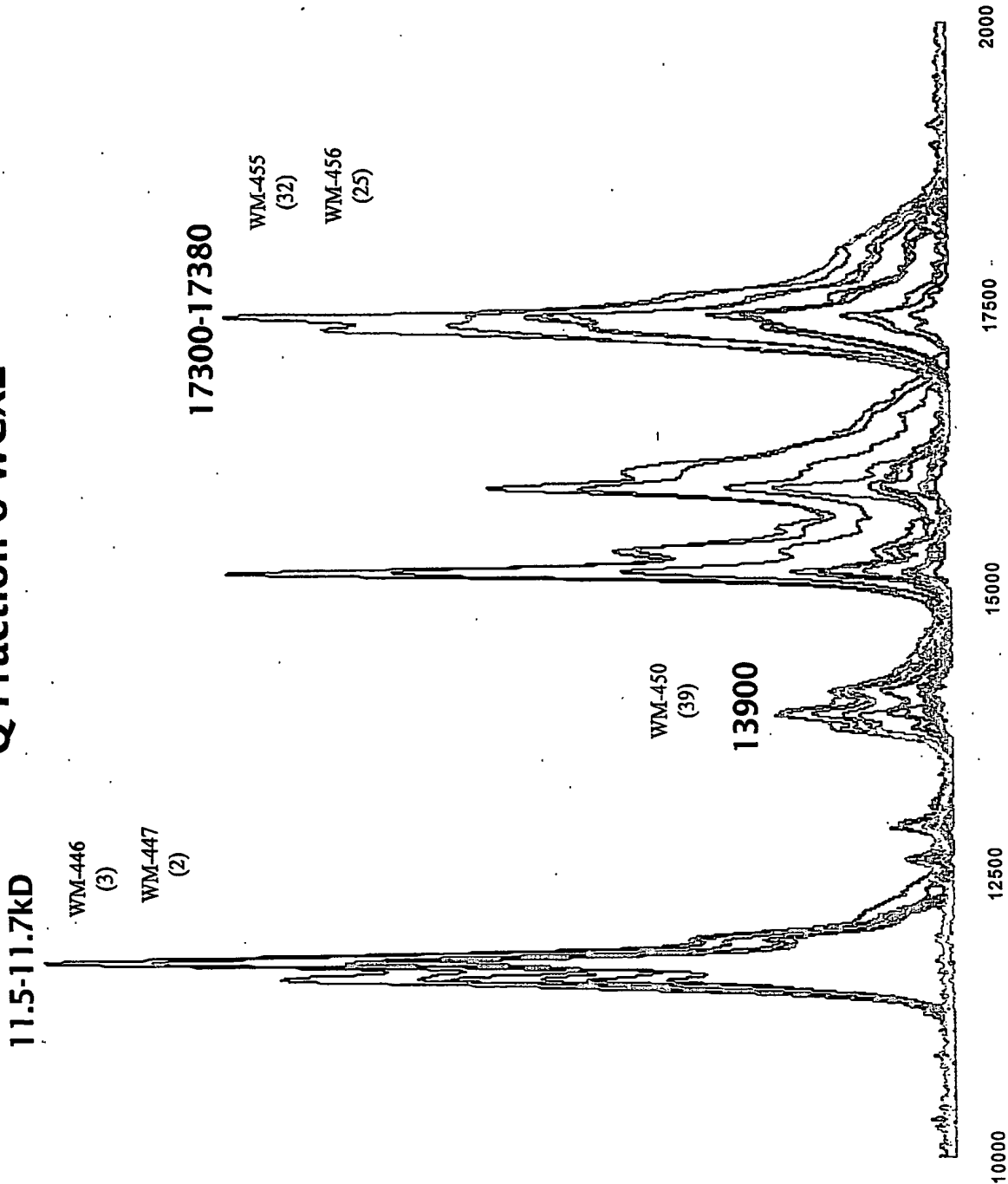


**Figure 14**  
**Protein Profile of Selected Samples**  
**Q Fraction 5 WCX2**

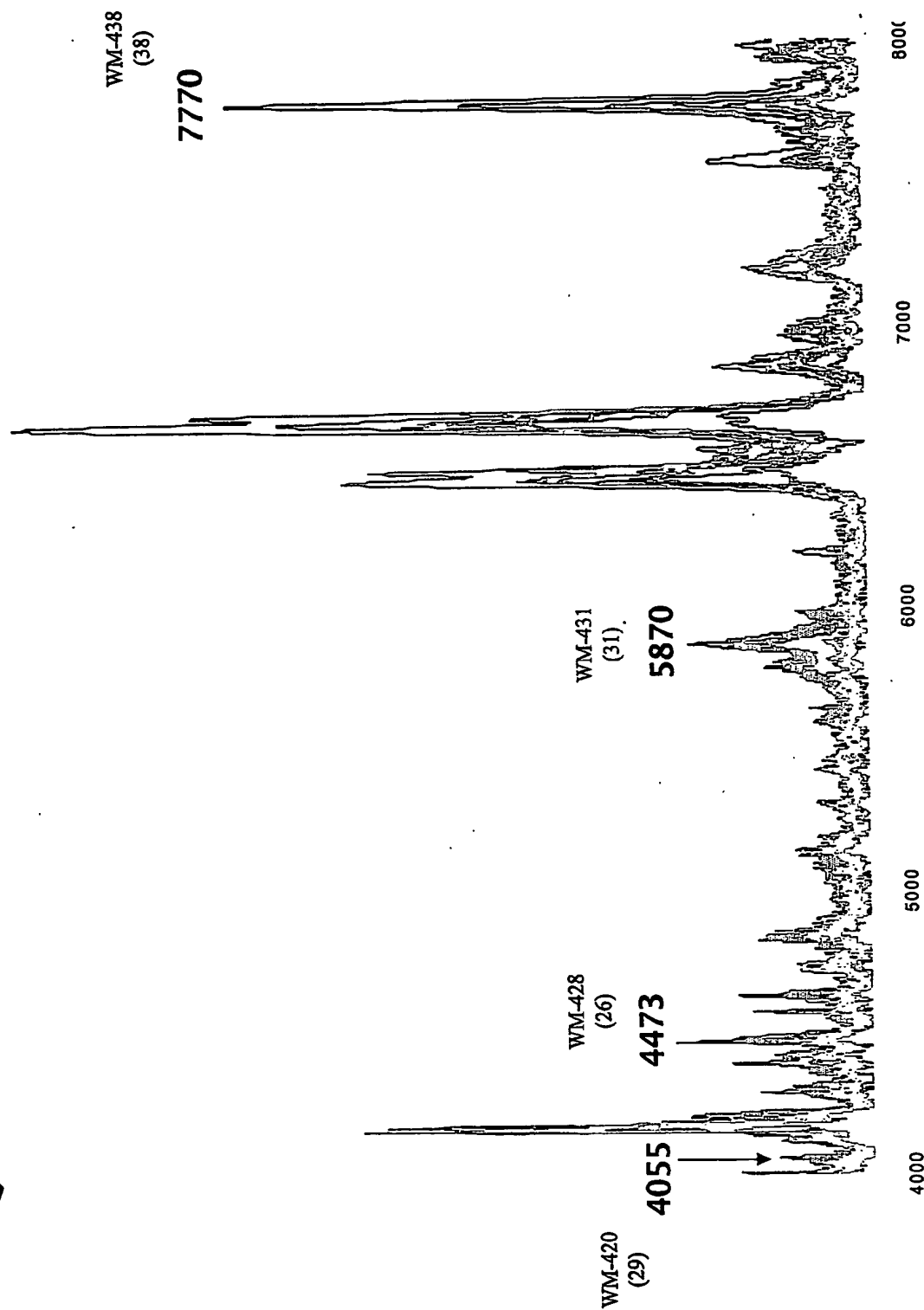




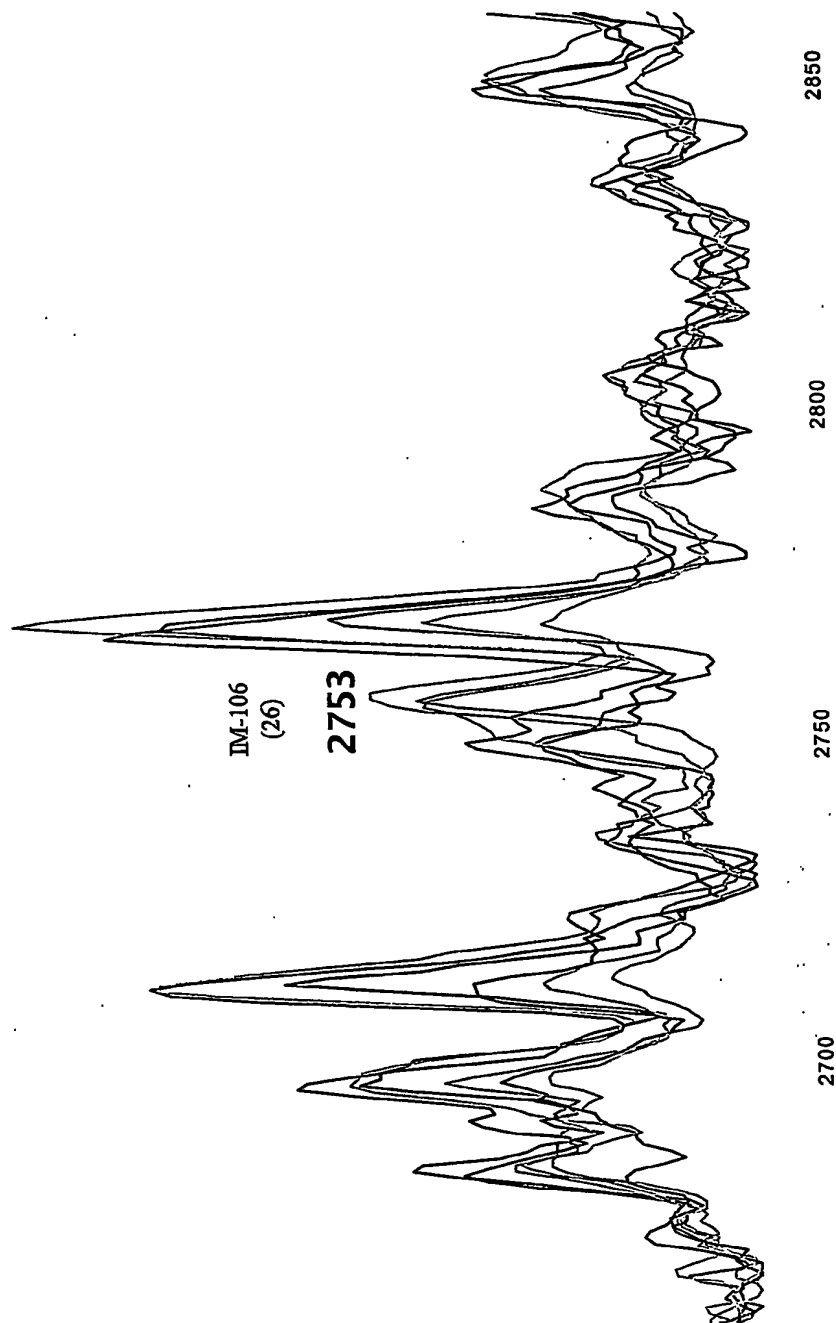
**Figure 15**  
**Protein Profile of Selected Samples**  
**Q Fraction 6 WCX2**



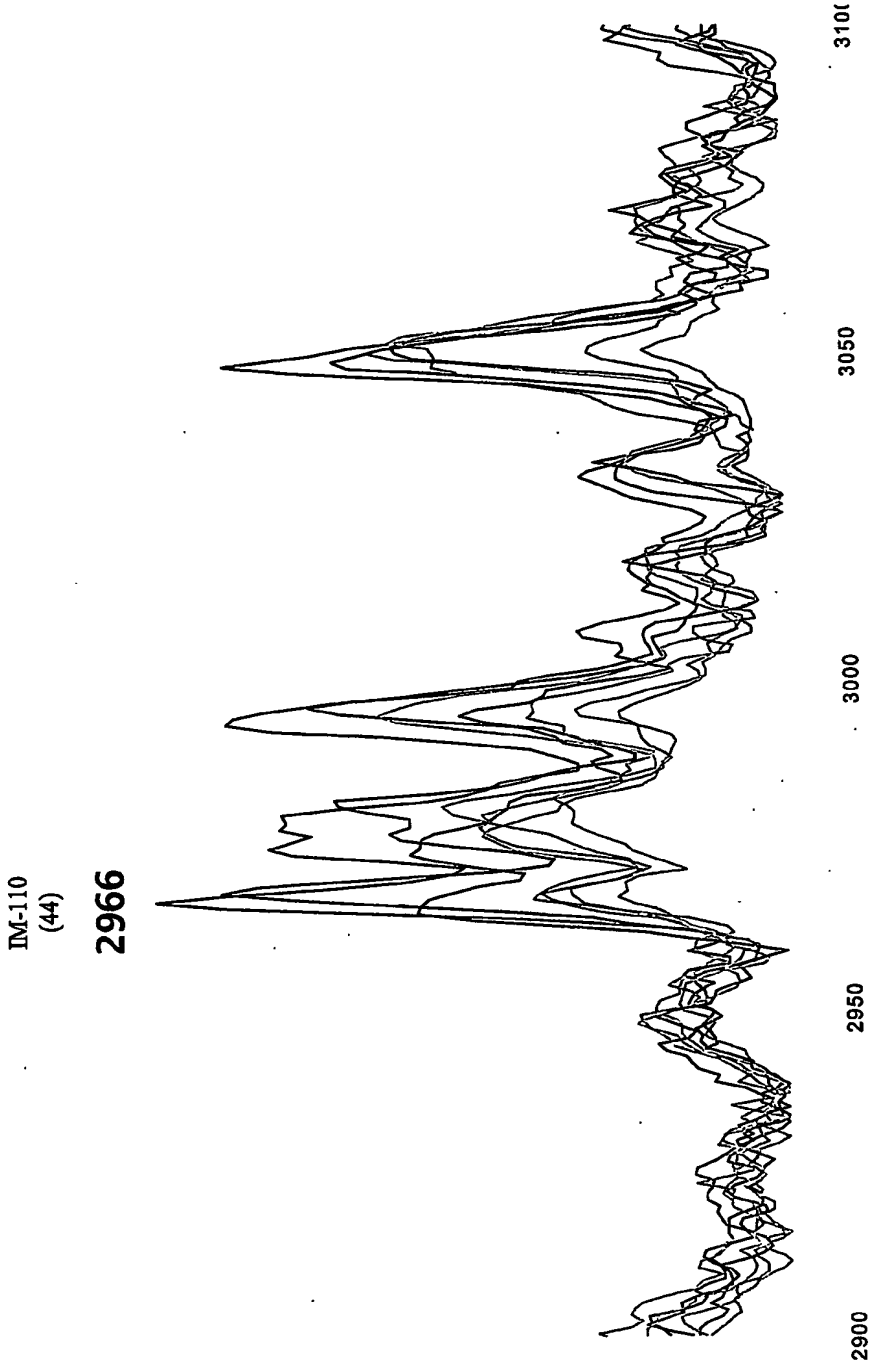
**Figure 16**  
**Protein Profile of Selected Samples**  
**Q Fraction 6 WCX2**



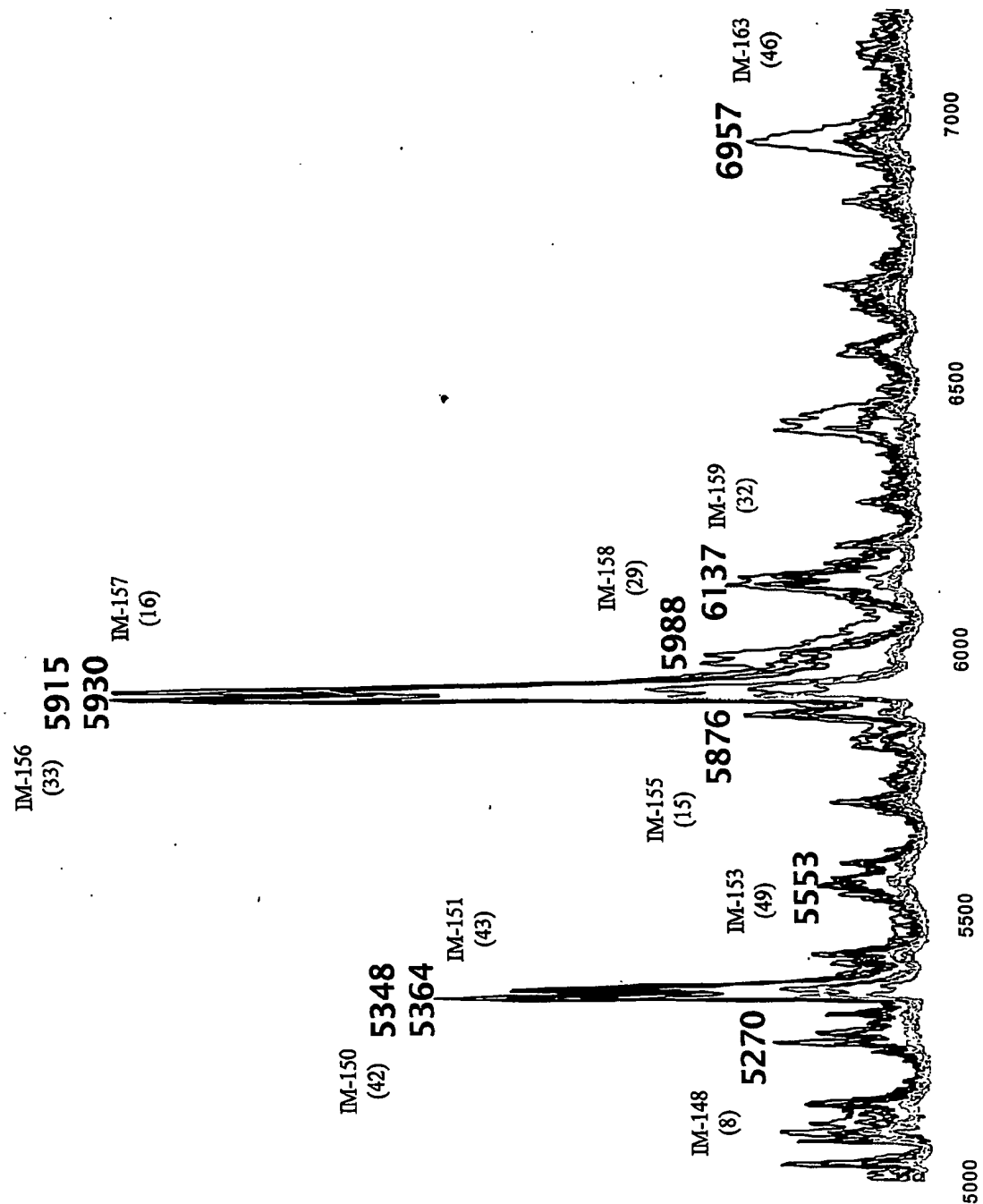
**Figure 17**  
**Protein Profile of Selected Samples**  
**Q Fraction 2 IMAC-Cu(II)**



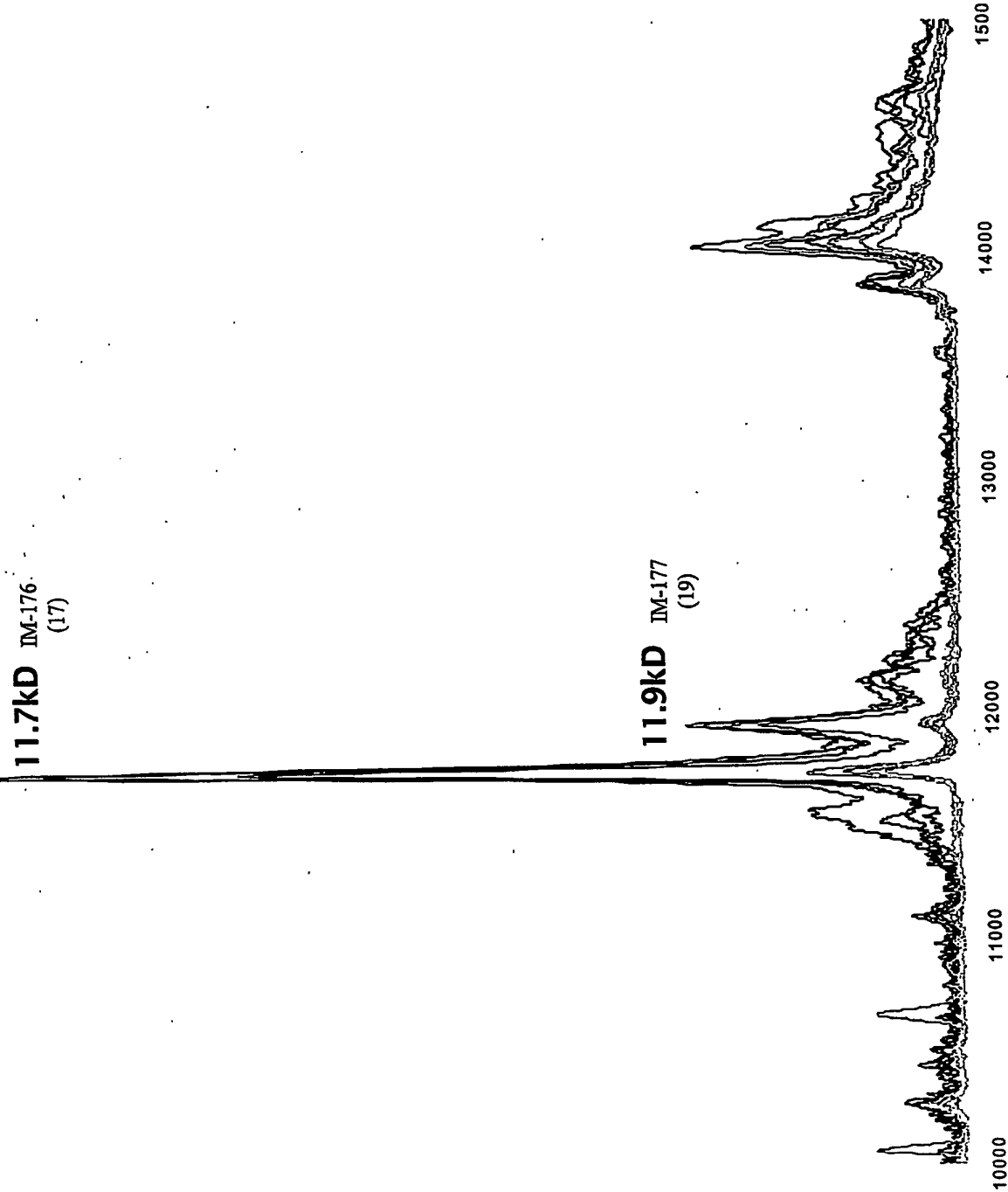
**Figure 18**  
**Protein Profile of Selected Samples**  
**Q Fraction 2 IMAC-Cu(II)**



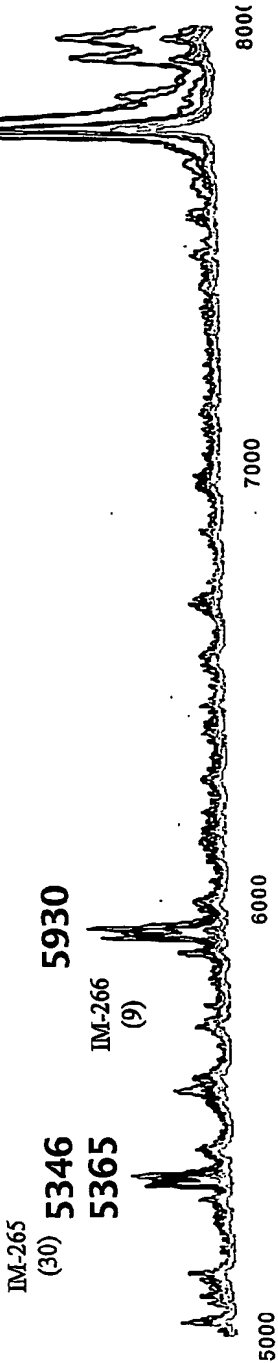
**Figure 19**  
**Protein Profile of Selected Samples**  
**Q Fraction 2 IMAC-Cu(II)**



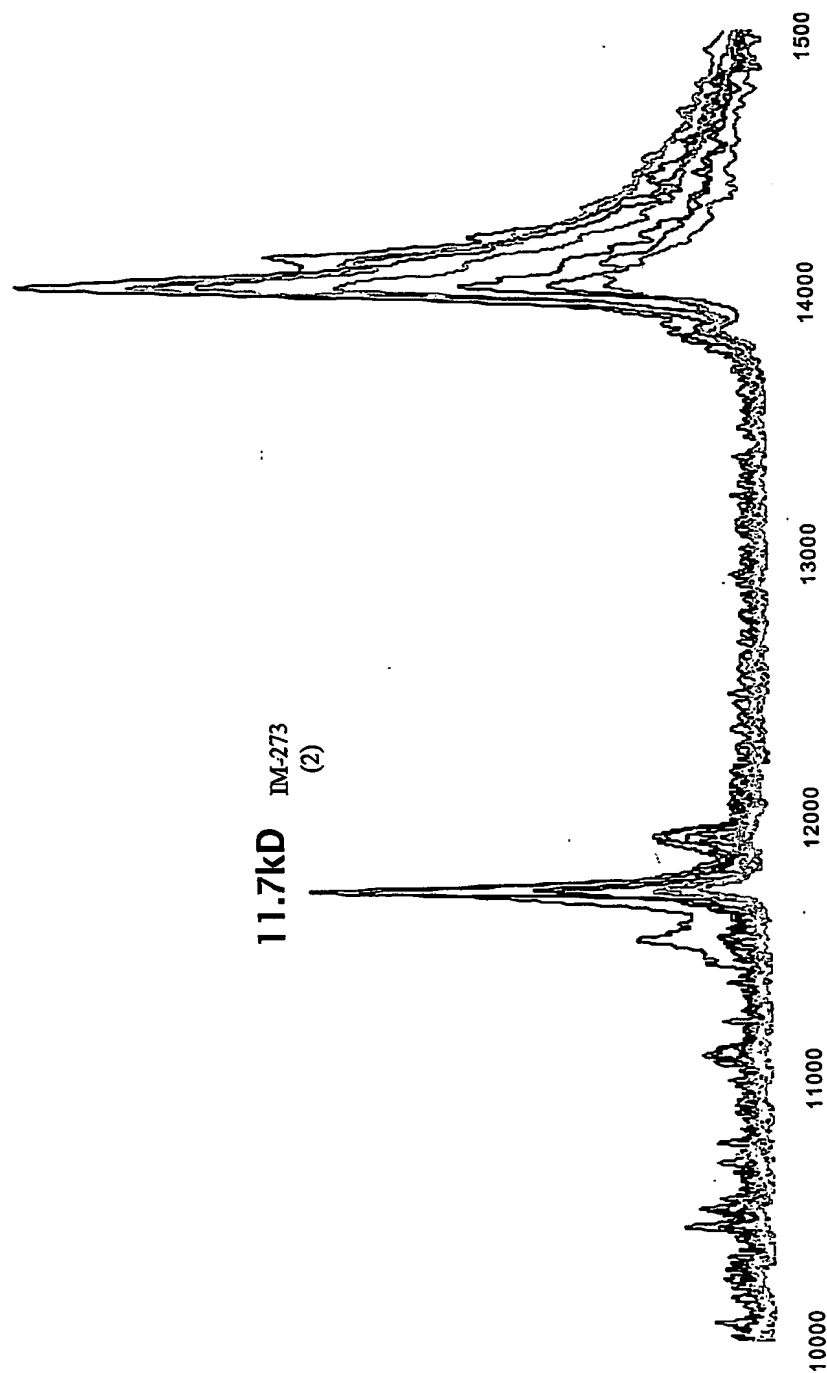
**Figure 20**  
**Protein Profile of Selected Samples**  
**Q Fraction 2 IMAC-Cu(II)**



**Figure 21**  
**Protein Profile of Selected Samples**  
**Q Fraction 3 IMAC-Cu(II)**

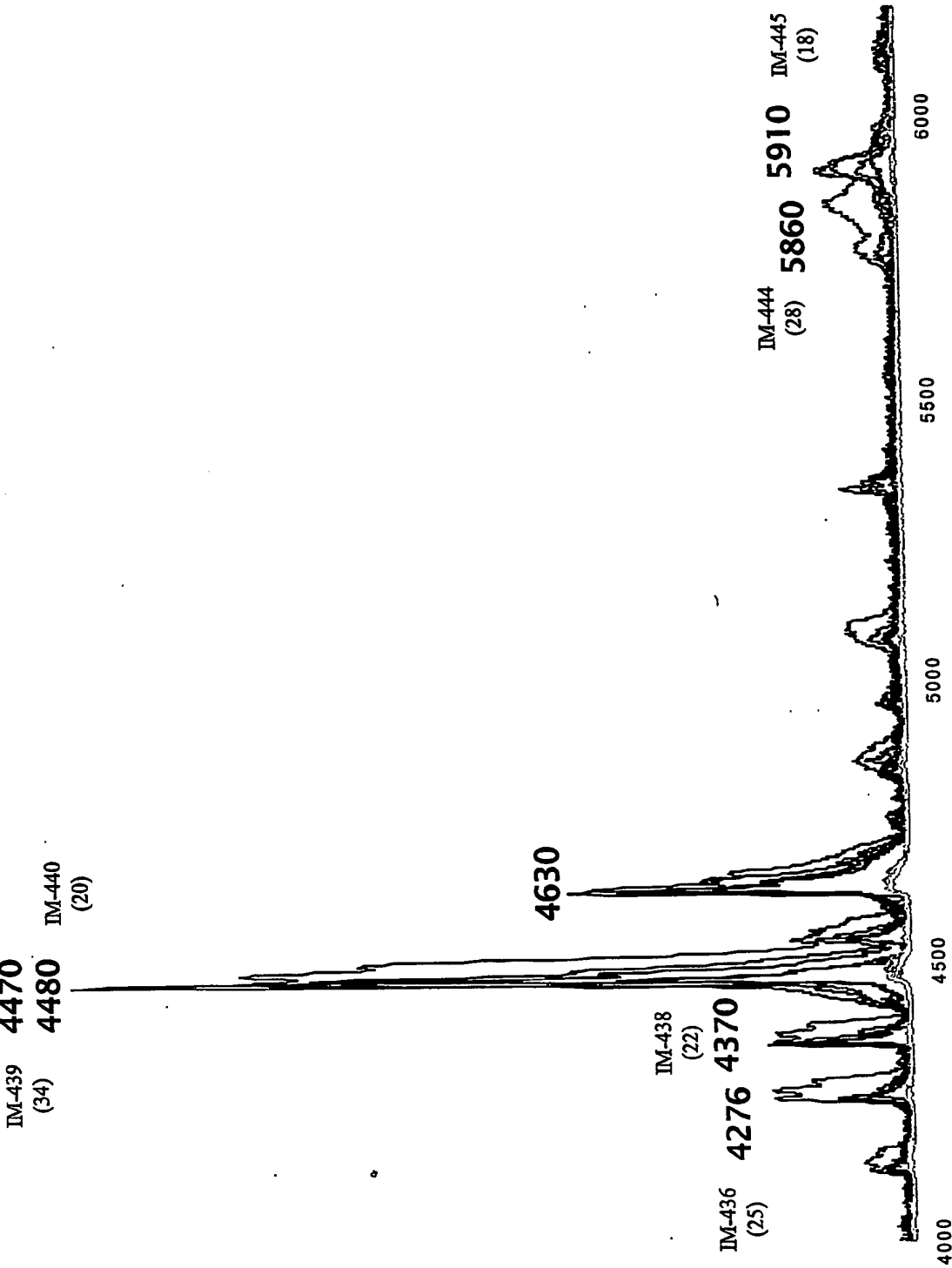


**Figure 22**  
**Protein Profile of Selected Samples**  
**Q Fraction 3 IMAC-Cu(II)**

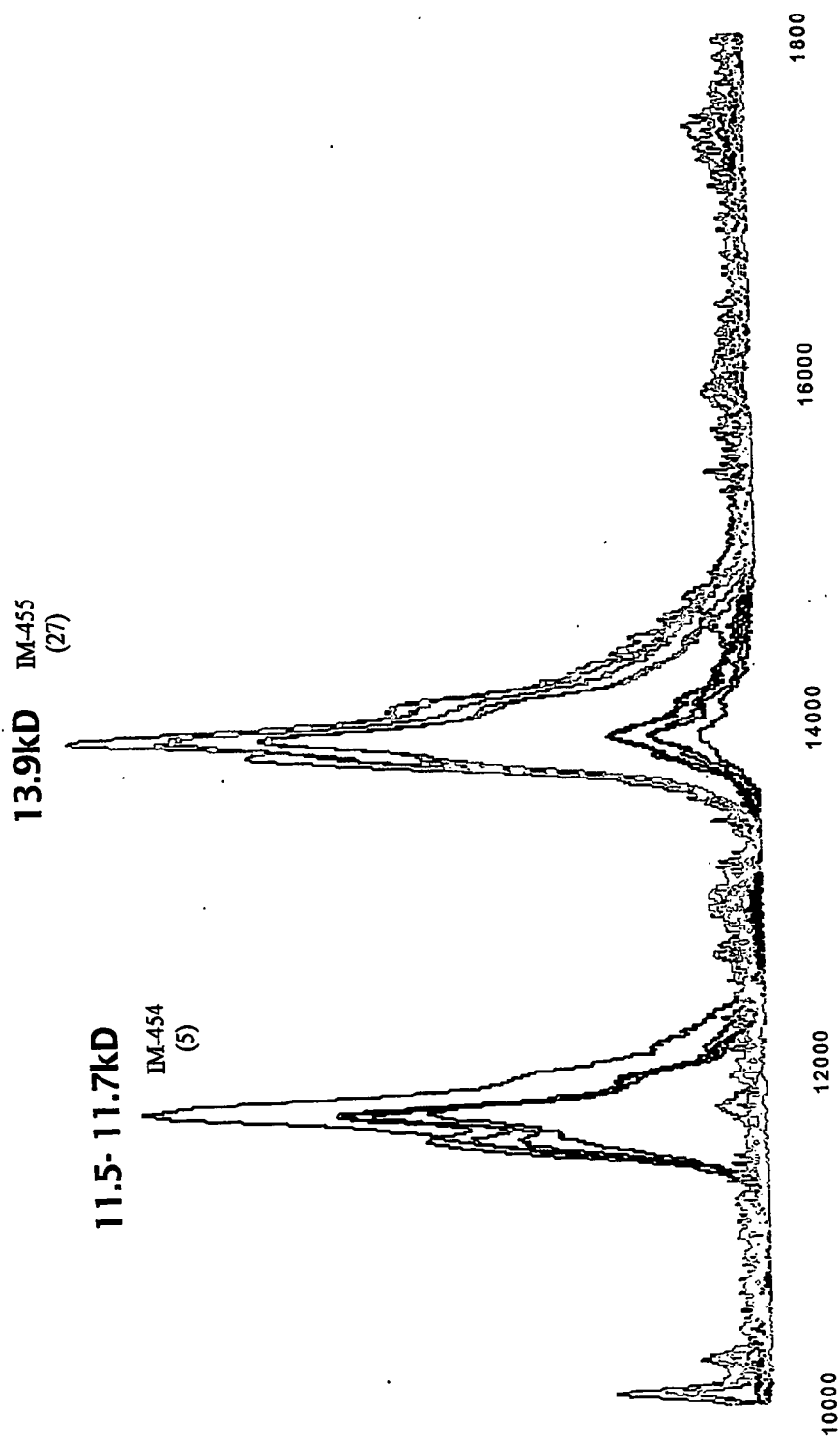




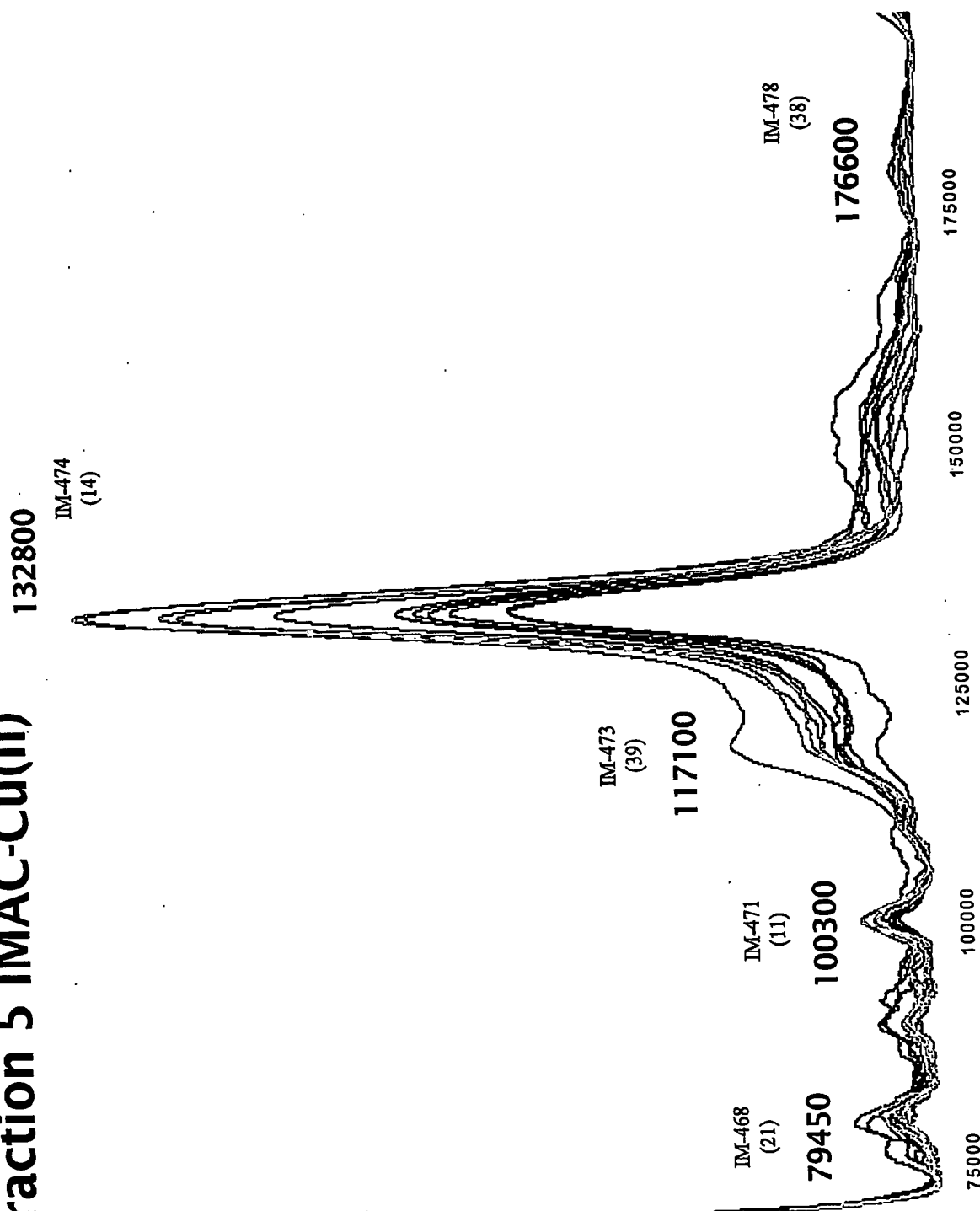
**Figure 23**  
**Protein Profile of Selected Samples**  
**Q Fraction 5 IMAC-Cu(II)**



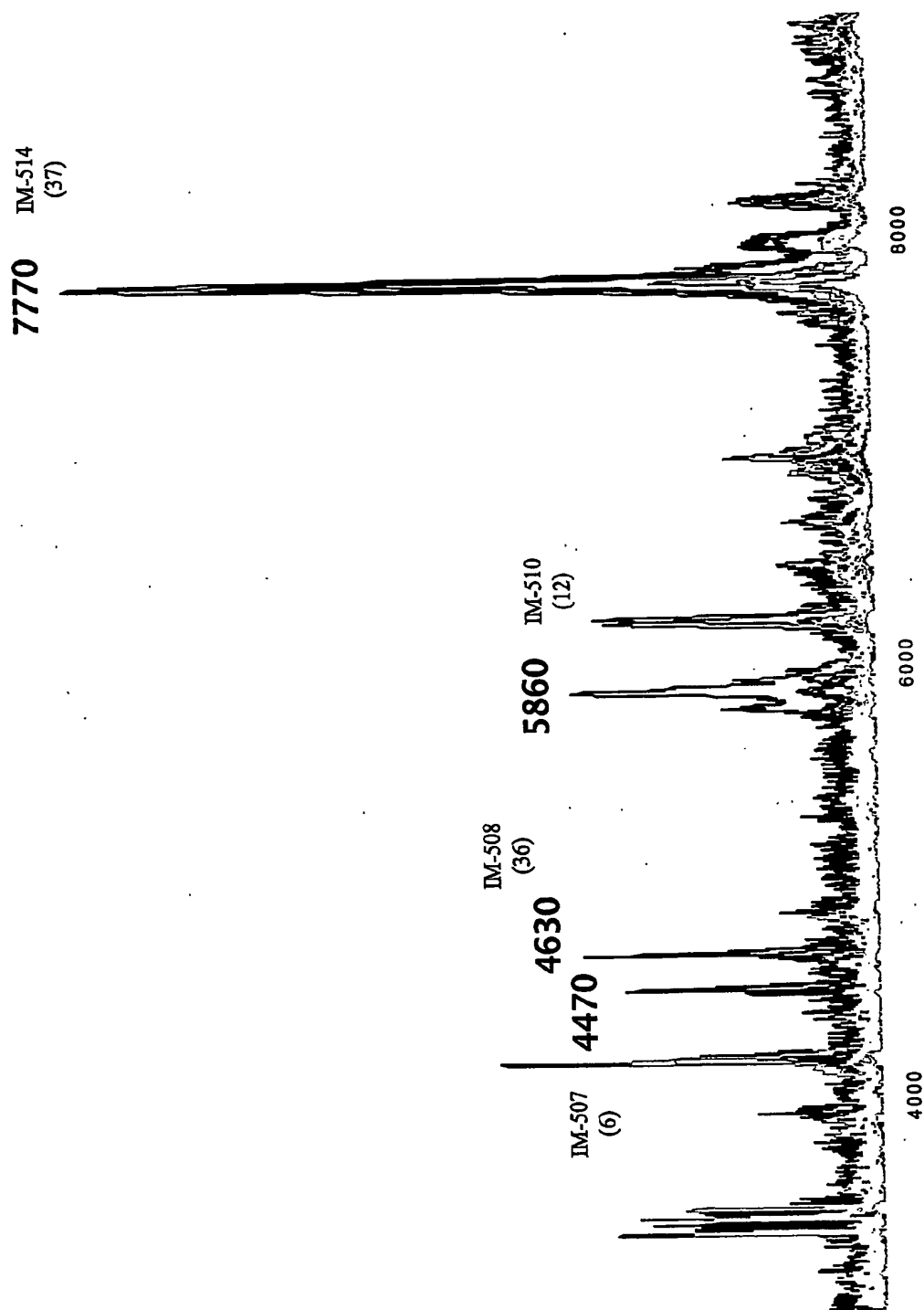
**Figure 24**  
**Protein Profile of Selected Samples**  
**Q Fraction 5 IMAC-Cu(II)**



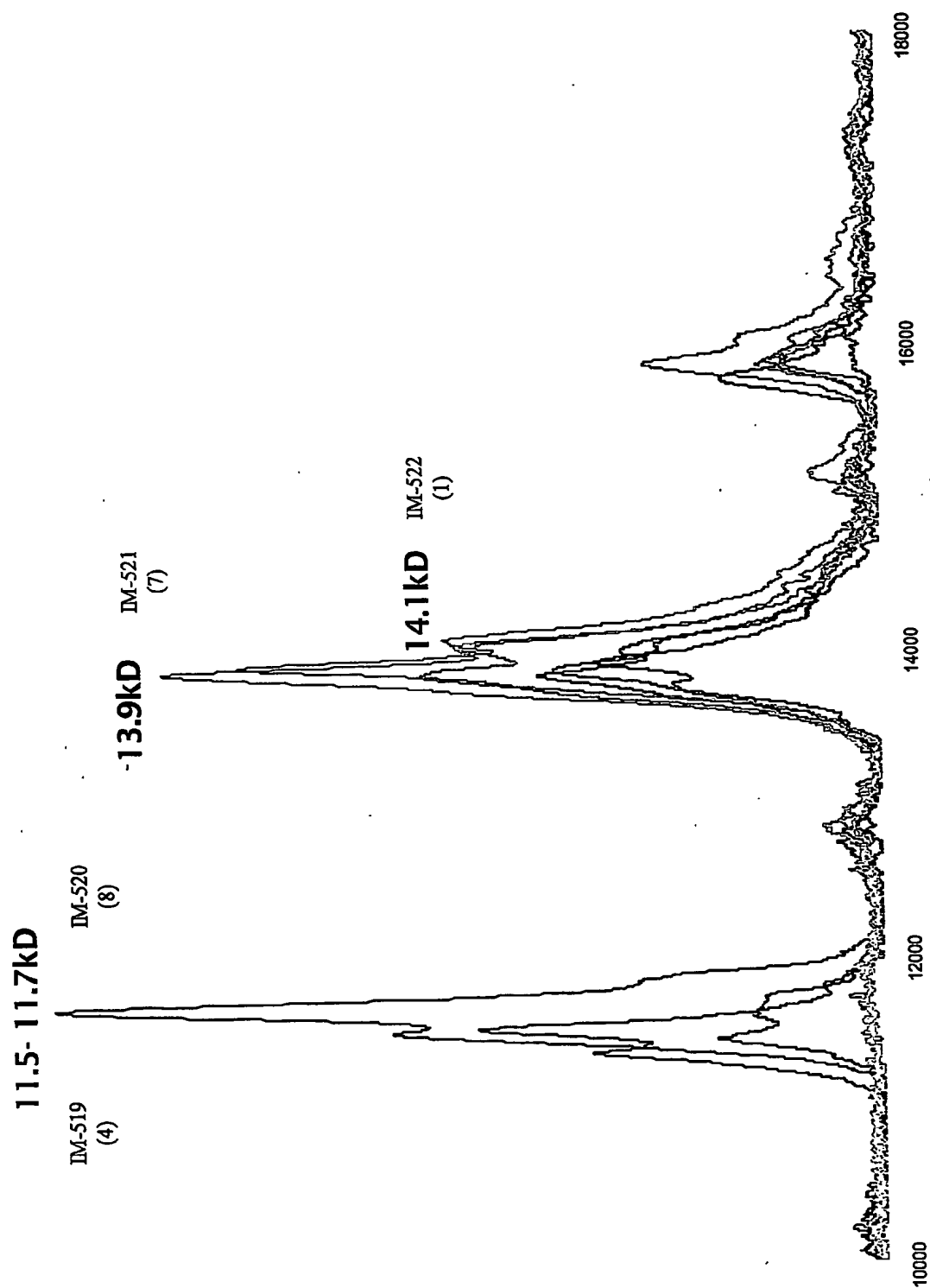
**Figure 25**  
**Protein Profile of Selected Samples**  
**Q Fraction 5 IMAC-Cu(II)**



**Figure 26**  
**Protein Profile of Selected Samples**  
**Q Fraction 6 IMAC-Cu(II)**



**Figure 27**  
**Protein Profile of Selected Samples**  
**Q Fraction 6 IMAC-Cu(II)**



**Figure 28**  
**Protein Profile of Selected Samples**  
**Q Fraction 6 IMAC-Cu(II)**

